

# DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on  
Chemicals, Drugs, Colors, and Aromatics

VOLUME XV

NEW YORK, DECEMBER 31, 1924

No. 27



Air Photograph  
Works of  
The Dow Chemical Company  
Midland, Michigan

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**In This Issue** { *Color Strength of Vat Dyes Fixed*  
*Are You a Bootlegger?*

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MINOR SALICYLATES

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VOLUME XV

No. 27

## The Week in Brief

### News

Consul General Skinner explains French ruling on American Medicinals Not In Pharmacopoeia which was revoked recently. Serums, vaccines, virus, toxines and similar preparations not considered patent medicines.

The color strength of vat dyes is announced by the Chemical Division of the Department of Commerce and the Tariff Commission, showing the ratios between paste and powder and giving the Schultz numbers.

Chemical manufacturers, whose annual purchases of standard I. C. C. and light steel drums are estimated at a million, will buy them only by gallon measure sizes beginning Jan. 1 when simplified practice recommendations adopted in Washington March 26, 1924, go into effect.

### Markets

Heavy chemical market continues to mark time during inventory period. Prices generally steady. Oxalic acid firmer. Copper sulfate unchanged. Prussiates higher. Bichromates steady. Acetate of lime prices expected to be unchanged for January.

Intermediates continue quiet with spot demand at a standstill. Dimethylaniline unsettled. Beta-naphthol continues to gain strength. Aniline oil steady. Paratoluidine dull. Para-nitroaniline weak. Crudes unchanged. Benzol maintaining steady position. Toluene strong, due to scarcity. Phenol weaker. Pyridine firmer. Naphthaline steady.

Oils continue generally firm. Coconut oil higher. Corn oil up. Linseed oil expected to advance. Chinawood oil steady. Vegetable oils continue very steady. Fish oils remain firm. Animal oils advanced further. Lard oil up. Oleo oil reduced again. Olive oil foots steady. Red oil higher. Stearic acid advanced further.

Fine chemicals are in active demand, specially mercury, santonin, potash permanganate, caffeine, and amidopyrine. Menthol is quiet. Tartaric acid is firm and citric is quiet. Codliver oil is firm.

Essential oils are quiet, and little activity is expected until after the first of the year. Oil peppermint is higher. Oil Java citronella is scarce. Oil cassia is easier.

Crude drugs are firm, though the volume of business is small. Cascara sagrada is steady. Damiana leaves quoted as high as 60c pound. Ipecac supplies limited. Amber sorts active.



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New York City

# DRUG & CHEMICAL MARKETS

VOLUME XV

NEW YORK, DECEMBER 31, 1924

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## A YEAR AHEAD, AND ONE BEHIND

When Coolidge was elected, a well-known economist stated that business for 1925 would be good. Not that the actual election of Coolidge would have any real influence on business one way or the other, he said, but the mind of the country was made up that with Coolidge would go good business, and without him, it would be bad. Purely psychological, but nevertheless a fact. The country is "set" for a good 1925, and the economic foundations of business and industry are ready for it. This is really all that is needed. Everybody is going to go ahead and act like they do when business is good because they know business is going to be good.

A year ago, economists who viewed 1924 with optimism were about equally divided with those who were pessimistic. Of course, the flood of predictions for great things in 1924 which were purely froth, had to come out. They do every year. When these had been wiped away, however, an honest average opinion in advance gave 1924 a rating of from poor to fair. Taking the year as a whole for all industry, this is just about what it brought forth. Not really poor, but far from good.

To-day, with a presidential election which terminated satisfactorily as far as business psychology is concerned, in the background, and with the underpinning of industry in good shape, the outlook for 1925 is indisputably good. When January first of 1926 is reached, this will probably be the verdict. There are a thousand reasons why trade should improve next year, and just enough on the other side of the fence in the way of inside and outside competition, to prevent expansion going far enough to approach inflation.

## VERY CAUSTIC DISTRIBUTORS

Last autumn, the most disturbing factor in one important less-than-carlot market was a certain jobber in laundry and mill supplies who used both ash and caustic as a sort of premium to sell soap, borax, and tri-sodium phosphate. He was not an authorized distributor for any alkali maker, but he had a contract for regular supplies of a standard brand which more than covered his own small manufacturing requirement. His surplus was peddled out to the local consumers at cut prices. At the earnest behest of the authorized agent of this same brand, the contract was not renewed. But another maker has since begun to supply him with sufficient alkali to furnish some saleable surplus. He is playing the same game over again,

despite the fact that the alkali market in his city is much firmer and there is even less excuse for price cutting competition.

Sundry variations of this kind of story come to us from a number of different cities. A consumer who backdoors his contract excess is cut off by one maker and soon gets a new and greater supply from another. A commission-splitting distributor in a large market is released by one manufacturer and snapped up as agent by a competitor.

By and large the less-than-carlot alkali business is in a much more stable condition than a year ago. Then, as now to a much lesser extent, the disturbing factors are what might politely be called outlawed dealers. We hold no brief for such, as is well known; but the situation is coming more and more within the control of the manufacturers. Their authorized distributors are in the main working hard to sell fair contracts at their respective schedules. But these efforts are futile, if irregular sources of more or less illegitimate supply periodically upset the market. It is only the maker who, in the final analysis, can put the outlaw distributor beyond the market pale.

## PROFITS AND PROPHETS

Citing averages for the past three years, Herbert Hoover, Secretary of Commerce, in his annual report, indicates that all commodity prices are settling down to a level approximately fifty per cent over pre-war, that wages have become more or less stabilized at exactly double pre-war figures, and that the cost of living has become fixed at about seventy-two per cent over the 1913 level. In short, labor has received the bulk of any economic or business improvement of the last few years. The owners of industry, the stockholders of the thousands of companies which go to make up American industry, have had to be content with less return on their money invested. Some industries have merely increased prices to cover higher wages, and have kept their net profits unscathed. Others have not been so fortunate.

Which group does the chemical industry fall in? If it be viewed from the balance sheet of one, two, or three of the big strong, well-managed concerns whose diversified lines touch almost every branch of industry, the fortunate group is probably the correct designation. For the rank and file of the chemical manufacturers in America, however, profits have undoubtedly been pared down by high costs and foreign competition to a point below the worth-while level. Chemical prices as a unit are certainly not fifty, or half of fifty per cent, above

pre-war levels, so high wages are not being paid out of proportionately increased income.

Secretary Hoover's report is very optimistic in its view of the coming year. He sees industrial expansion with economic stability and without inflation. It is to be hoped sincerely that this expansion in business will impart its influence, not only to the chemical industry itself, but to those big chemical consumers who have been the victims of depression for many weary months, namely the textile, rubber, leather, and paper industries. Only through bigger business and better prices for the finished materials of its consumers, can the chemical industry hope to improve and pay a fair return on the millions of American capital invested in it. The meagreness of this return is only too strongly emphasized by Mr. Hoover's averages, although his predictions for 1925 are reassuring.

#### THE 1925 GUIDE-BOOK IS OUT

The new 1925 DRUG & CHEMICAL MARKETS Guide-Book is off the press and is now being distributed to subscribers. The 1925 volume is bigger and better than ever, containing 857 pages as compared to 690 in 1924, and 492 in 1923. Part One of the book is a 10,000 name directory of the chemical, drug and allied industries of the United States with full addresses and telephone numbers in the large cities. Over two thousand chemical, drug, oil and allied products are given in Part Two with complete list of producers, importers, and local suppliers in this country. Back price quotations and price charts on some two hundred leading products, from 1914 to date, are also given.

Primarily as a guide and directory for consumers of chemicals, dye and tanstuffs, essential oils, fatty oils, drugs, and similar raw materials, the new Guide-Book has been compiled as carefully and accurately as it is humanly possible to do a job of this character. That all errors have been avoided is unlikely, although they have undoubtedly been held to a minimum by careful checking and re-checking of the many thousands of names, addresses and telephone numbers which comprise the main body of the book.

As an adjunct of the weekly news, price, and market service, each subscriber to DRUG & CHEMICAL MARKETS will receive one free copy of the Guide-Book. This distribution has begun and in the course of a week or so, all domestic subscribers should be in possession of their copies.

While wholesale trade showed the usual decline in November, business in drugs and chemicals was about the same as a year ago. Production of basic commodities continued at about the same rate as in October, but owing to the reduction in working days the output was two per cent less than in the preceding month. Wholesale prices are advancing slightly. Loans by banks increased in November, but were due mainly to the boom in stocks.

"The South's Development," issued by the "Manufacturers Record," Baltimore, gives a glimpse of the past fifty years of Southern progress, the facts of the present,

and a forecast of the future. The volume contains 666 pages, and is bound in heavy gold paper. Harry F. Atwood writes on "The South's Part in Our Nation's Governmental Development and Territorial Expansion." Herbert C. Hoover, Secretary of Commerce, has an article on "The South's Great Progress in Foreign Trade."

### Ten Years Ago

From "Drug & Chemical Markets" of Dec. 30, 1914:

A resume of the oil of peppermint situation has been compiled by Fritzsche Brothers. More than 3,600 acres is the increase in land devoted to the raising of the product this year over last. The yield averaged 30 pounds of oil an acre, the production being estimated at 550,000 to 600,000 pounds. The annual consumption of peppermint oil is about half of that.

Carbolic acid, 95-97%, reached the zenith of its high-flying career last week when 60c per pound was paid for crystals in this market. It was hard to get even at 60c and caused many predictions that dollar carbolic will be a reality before February 1.

It is estimated that there are not 200 pounds of thymol in the United States today. There have been a few small shipments from Germany via neutral countries since the war began. It is reported that no more will be sent here from Germany.

Great Britain has transferred glycerin and sulphur from the conditional to the absolute contraband list, according to an announcement just made by the British Embassy in Washington.

Something equivalent to a threat has already been issued by the German Government to Switzerland that in event of her supplying Great Britain with dyestuffs, all supplies of secondary products used as raw materials hitherto received from Germany, will be cut off. The further important step in the "freezing-out" process which is being meted out to the British dyeing and textile industries—to its undoing, fortunately occurred just at the psychological moment to be of value in clinching the Government decision to co-operate in this national enterprise.

#### THE TIRED BUSINESS MAN



—Los Angeles Times





# Industrial Chemical

## SECTION



## Color Strength of Vat Dyes Announced

Ratios Between Paste and Powder and Schultz Numbers Given in New List Prepared by the Chemical Divisions of the Department of Commerce and Tariff Commission—Of November Imports of Colors 45 Per Cent Came From Germany and 40 Per Cent From Switzerland—Smaller Amounts From Canada, Holland, England and Belgium—Appraisement Basis for Assessment of Ad Valorem Duty—Imports at New York Amounted to 359,260 Pounds, Valued at \$351,887

In addition to the list of dyes imported in November the Chemical Divisions of the Department of Commerce and Tariff Commission have issued a list of vat dyes with the color strength ratios between paste and powder, and a supplementary list of classifications of dyes and chemicals covering April to October. Of the November dyes imported the per cent by quantity of country of shipment was as follows: Germany, 45 per cent; Switzerland, 40 per cent; Canada, 4 per cent; Holland, 4 per cent; England, 3 per cent; Belgium, 2 per cent; other countries, 2 per cent.

Imports through the port of New York amounted to

359,260 pounds, valued at \$351,887, the largest for any month this year except October, when the imports reached 440,466 pounds, valued at \$455,787.

The dyes in this report are grouped by Schultz numbers and in the case of those which could not be identified by Schultz number, the classification according to the ordinary method of application was adopted. As the pastes and powders of the vat dyes vary widely in strength and quantity, each vat dye has been reduced—in nearly every case—to a single strength basis.

The designation of "c" for competitive and "nc" for non-competitive, indicates the appraisement basis for the assessment of the ad valorem duty in paragraph 28 of the Tariff Act of 1922. Those dyes without designation are doubtful, pending further investigation.

The ad valorem rate for competitive dyes is based on the American selling price, as defined in subdivision (f) of section 402 of Title IV; the ad valorem rate for non-competitive dyes is based on the United States value, as defined in subdivision (d) of section 402 of Title IV of the Tariff Act of 1922.

List of Vat Dyes with the Color Strength Ratios Between Paste and Powder

Name of Dye	Percentage of Paste	Ratio of Paste to Powder	Schultz No.
Algal black CL	12½	1 to 8	
Algal black RO	12½	1 to 8	
Algal blue CF	12½	1 to 8	
Algal blue 3G	12½	1 to 8	
Algal blue K	12½	1 to 8	
Algal blue 3R	12½	1 to 8	844
Algal bordeaux 3B	12½	1 to 8	839
Algal brill. orange FR	12½	1 to 8	821
Algal brill. red 2B	12½	1 to 8	820
Algal brill. violet 2B	12½	1 to 8	822
Algal brill. violet R	12½	1 to 8	819
Algal brown B	12½	1 to 8	821
Algal brown G	12½	1 to 8	820
Algal brown R	12½	1 to 8	869
Algal corinth R	12½	1 to 8	
Algal green B	12½	1 to 8	869
Algal grey B	12½	1 to 8	870
Algal grey 2B	12½	1 to 8	847
Algal olive R	12½	1 to 8	834
Algal orange R	12½	1 to 8	834
Algal pink R	12½	1 to 8	333
Algal red B	12½	1 to 8	824
Algal red B	12½	1 to 8	818
Algal red B	12½	1 to 8	325
Anthra red B	12½	1 to 8	
Algal pink TR	12½	1 to 8	819
Algal red FF extra	12½	1 to 8	816
Algal red 3G	12½	1 to 8	816
Algal red R extra	12½	1 to 8	819
Algal scarlet G	12½	1 to 8	815
Algal violet B	12½	1 to 8	823
Algal yellow 3G	12½	1 to 8	811
Algal yellow 3GL	12½	1 to 8	
Algal yellow R	12½	1 to 8	817
Algal yellow WF	12½	1 to 8	
Anthra bordeaux R			
(See Indanthrene bordeaux B extra)			
Anthra brown B			
(See Indanthrene brown B)			
Anthra claret R			
(See Indanthrene bordeaux B extra)			
Anthra pink B			
(See Indanthrene pink B)			
Anthra pink R			
(See Vat red B)			
(See Indanthrene pink R)			
Anthra yellow G			
(See Anthraflavone G)			
Anthra yellow GC			
(See Anthraflavone GC)			
Anthraflavone G	12½	1 to 8	759
Anthraflavone GC	12½	1 to 8	759

List of Vat Dyes with the Color Strength Ratios Between Paste and Powder

Name of Dye	Percentage of Paste	Ratio of Paste to Powder	Schultz No.
Brilliant indigo B	20	1 to 5	885
Brilliant indigo G	20	1 to 5	886
Brilliant indigo 4B	20	1 to 5	881
Brilliant indigo 4G	20	1 to 5	887
Ciba blue 2BD	16	1 to 6.25(2B pdr.)	881
Ciba blue GD	16	1 to 6.25(G pdr.)	882
Ciba bordeaux B	10	1 to 10	919
Ciba brown R	12½	1 to 8	
Ciba green G	10	1 to 10	891
Ciba grey B	20	1 to 5	899
Ciba grey G	20	1 to 5	890
Ciba heliotrope B	10	1 to 10	897
Ciba orange G	13½	1 to 7.4	911
Ciba pink B	20	1 to 5	912
Ciba pink BG	20	1 to 5	
Ciba red B	12½	1 to 8	909
Ciba red G	10	1 to 10	906
Ciba red R	10	1 to 10	908
Ciba scarlet G	28	1 to 3.57	907
Ciba scarlet G ex.	20	1 to 5	907
Ciba scarlet 3G	20	1 to 5	
Ciba violet B	10	1 to 10	901
Ciba violet 3E	10	1 to 10	900
Ciba violet R	10	1 to 10	901
Ciba yellow G	10	1 to 10	890
Ciba yellow 2R	11	1 to 9.09	
Ciba yellow 5G	11	1 to 9.09	
Cibanone black B	12½	1 to 8	794
Cibanone blue 3G	8½	1 to 11.76	793
Cibanone brown B	22	1 to 4.55	868
Cibanone brown R	10	1 to 10	
Cibanone brown V	22	1 to 4.55	868
Cibanone green B	10	1 to 10	
Cibanone green G	10	1 to 10	792
Cibanone olive B	10	1 to 10	
Cibanone olive G	10	1 to 10	792
Cibanone orange R	12½	1 to 8	792
Cibanone yellow R	12½	1 to 8	793
Helindone black 2BD			
(for printing) 30% paste 1 to 3½			
Helindone blue 3G	10	1 to 10	896
Helindone blue 3GN	10	1 to 10	
Helindone blue 3R	20	1 to 5	
Helindone brown CM	10	1 to 10	
Helindone brown AN	10	1 to 10	873
Helindone brown G	14-2/7	1 to 7	904
Helindone brown 3GN	14-2/7	1 to 7	836
Helindone brown 2R	14-2/7	1 to 7	902
Helindone brown 5R	14-2/7	1 to 7	903
Helindone fast scarlet C	10	1 to 10	907
Helindone fast scarlet R	10	1 to 10	915

INDUSTRIAL CHEMICAL SECTION

List of Vat Dyes with the Color Strength Ratios Between  
Paste and Powder

	Percentage of Paste	Ratio of Paste to Powder	Schultz No.
Helindone green G	10	1 to 10	892
Helindone grey 2B	20	1 to 5	921
Helindone orange D	14-2/7	1 to 7	914
Helindone orange GRN	10	1 to 10	836
Helindone orange R	10	1 to 10	913
Helindone red B	20	1 to 5	917
Helindone red 3B	20	1 to 5	918
Helindone rose R extra	16-2/3	1 to 6	916
Helindone scarlet S	10	1 to 10	929
Helindone violet B	20	1 to 5	920
Helindone violet BH	20	1 to 5	920
Helindone violet 2B	20	1 to 5	810
Helindone violet R	20	1 to 5	810
Helindone yellow 3GN	20	1 to 5	
Helindone yellow RN	20	1 to 5	
Helindone yellow 3RN	20	1 to 5	
Hydron black B	30	1 to 3 1/2	
Hydron blue B	30	1 to 3 1/2	
Hydron blue G	30	1 to 3 1/2	
Hydron blue R	30	1 to 3 1/2	
Hydron blue R	30	1 to 3 1/2	
Hydron bordeaux B	12 1/2	1 to 8	
Hydron bordeaux R	6 1/4	1 to 16	
Hydron brown G	16-2/3	1 to 6	
Hydron brown R	16-2/3	1 to 6	
Hydron dark blue G	30	1 to 3 1/2	
Hydron dark blue GG	30	1 to 3 1/2	
Hydron green B	12 1/2	1 to 8	
Hydron green G	16-2/3	1 to 6	
Hydron navy blue C	30	1 to 3 1/2	
Hydron olive GN	16-2/3	1 to 6	
Hydron olive R	12 1/2	1 to 8	
Hydron orange R	10	1 to 10	
Hydron pink FB	16-2/3	1 to 6	
Hydron pink FB	16-2/3	1 to 6	
Hydron scarlet BB	16-2/3	1 to 6	
Hydron scarlet 3B	16-2/3	1 to 6	
Hydron violet B	20	1 to 5	
Hydron violet R	20	1 to 5	
Hydron yellow NF	16-2/3	1 to 6	
Hydron yellow R	20	1 to 5	
Indanthrene black B	12 1/2	1 to 8	
Indanthrene black BB	14	1 to 7-1/7	
Indanthrene blue 3G	30	1 to 10	
Indanthrene blue BCS	20	1 to 5	
Indanthrene blue GC	10	1 to 10	
Indanthrene blue GCD	8 1/2	1 to 12	
Indanthrene blue GGSP	10	1 to 10	
Indanthrene blue RS	10	1 to 10	
Indanthrene blue RZ	10	1 to 10	
Indanthrene blue RC	14	1 to 7-1/7	
Indanthrene blue green B	12 1/2	1 to 8	
Indanthrene bordeaux B extra	12 1/2	1 to 8	
Indanthrene bordeaux B	12 1/2	1 to 8	
Indanthrene brilliant blue R	12 1/2	1 to 8	
Indanthrene brown B	11	1 to 9.09	
Indanthrene brown RR	12 1/2	1 to 8	
Indanthrene brown 3R	12 1/2	1 to 8	
Indanthrene claret B	12 1/2	1 to 8	
Indanthrene claret B extra	12 1/2	1 to 8	
Indanthrene copper R	12 1/2	1 to 8	
Indanthrene dark blue BO	25	1 to 4	

List of Vat Dyes with the Color Strength Ratios Between  
Paste and Powder

	Percentage of Paste	Ratio of Paste to Powder	Schultz No.
Indanthrene dark blue BGO	25	1 to 4	
Indanthrene golden orange G	12 1/2	1 to 8	760
Indanthrene golden orange R	12 1/2	1 to 8	761
Indanthrene golden orange RRT	20	1 to 5	761
Indanthrene green B	12 1/2	1 to 8	765
Indanthrene green G	25	1 to 4	
Indanthrene grey B	12 1/2	1 to 8	848
Indanthrene grey 3B	12 1/2	1 to 8	
Indanthrene olive G	10	1 to 10	791
Indanthrene orange RT	12 1/2	1 to 8	812
Indanthrene pink B	20	1 to 5	
Indanthrene pink BS	20	1 to 5	
Indanthrene red BN extra	12 1/2	1 to 8	831
Indanthrene red G	12 1/2	1 to 8	826
Indanthrene red R	12 1/2	1 to 8	830
Indanthrene red violet RRN	12 1/2	1 to 8	871
Indanthrene scarlet G	12 1/2	1 to 8	763
Indanthrene violet RR extra	12 1/2	1 to 8	767
Indanthrene violet RT	12 1/2	1 to 8	764
Indanthrene violet B extra	25	1 to 4	768
Indanthrene violet BN extra	25	1 to 4	832
Indanthrene violet RN extra	25	1 to 4	832
Indanthrene violet R extra	25	1 to 4	766
Indanthrene yellow G	12 1/2	1 to 8	849
Indanthrene yellow R	12 1/2	1 to 8	849
Indigo C	20	1 to 5	
Indigo G	20	1 to 5	880
Indigo MLB/2B	20	1 to 5	881
Indigo MLB/4B	20	1 to 5	882
Indigo MLB/5B	20	1 to 5	883
Indigo MLB/6B	20	1 to 5	879
Indigo MLB/R	20	1 to 5	874
Indigo	20	1 to 5	888
Indigo pure E	20	1 to 5	
Thioindigo black B	20	1 to 5	896
Thioindigo blue 2G	20	1 to 5	
Thioindigo blue 3GN	20	1 to 5	904
Thioindigo brown G	20	1 to 5	902
Thioindigo brown R	20	1 to 5	
Thioindigo brown 2R	20	1 to 5	903
Thioindigo brown 3R	20	1 to 5	
Thioindigo green G	20	1 to 5	921
Thioindigo grey 2B	20	1 to 5	913
Thioindigo orange R	20	1 to 5	910
Thioindigo pink AN	20	1 to 5	910
Thioindigo pink BN	20	1 to 5	912
Thioindigo red B	20	1 to 5	917
Thioindigo red BG	20	1 to 5	918
Thioindigo red 3B	20	1 to 5	906
Thioindigo scarlet G	20	1 to 5	907
Thioindigo scarlet 2G	20	1 to 5	905
Thioindigo scarlet R	20	1 to 5	916
Thioindigo scarlet S	20	1 to 5	
Thioindigo violet B	20	1 to 5	920
Thioindigo violet 2B	20	1 to 5	920
Thioindigo violet K	20	1 to 5	
Thioindigo violet 2R	20	1 to 5	913
Thioindigo yellow 3GN	20	1 to 5	912
Vat red B	763		

## KEY TO ABBREVIATIONS

- The Six Leading German Companies
  - A....Action Gesellschaft für Anilin-Fabrikation, Berlin, Founded 1873.
  - B....Badische Anilin-und-Soda-Fabrik, Ludwigshafen-on-the-Rhine. Founded 1863
  - By....Farbenfabriken, vormals Friedr. Bayer & Co., Leverkusen on the Rhine. Founded 1862.
  - C....Leopold Cassella & Co., Frankfurt-on-the-Main. Founded 1870.
  - K....Kalle & Co., A. G., Biebrich on the Rhine. Founded 1870.
  - M....Farwerke, vormals Meister Lucius & Bruning, Höchst-on-the-Main. Founded 1862.
- The Smaller German Companies
  - BK....Leipziger Anilinfabrik Beyer & Kegel, Furstenberg, near Leipzig. Founded 1882.
  - CG....Chemikaliwerk Griesheim G. m. b. H., Griesheim-on-the-Main. Founded 1882.
  - CJ....Carl Jager G. m. b. H., Anilinfabrik, Dusseldorf. Founded 1823.
  - GrE....Chemische Fabrik Griesheim-Electron, Offenbach-on-the-Main. Founded 1842.
  - L....Farwerk Mulheim, vormals A. Leonhardt & Co., Mulheim-on-the-Main. Founded 1879.
  - tM....Chemische Fabriken, vormals Weiler ter Meer. Uerdingen-on-the-Rhine. Founded 1877.
  - WD....Wulffing, Dahl & Co., A. G. Barmen. Founded 1842.
- Swiss Companies, all at Basel
  - DH....Farwerke vormals L. Durand, Huguenin & Co. Founded 1871.

- G....Anilinfarben-und Extract-Fabriken, vormals Joh. Rud. Geigy. Founded 1764
  - I....Gesellschaft für chemische Industrie. Founded 1885
  - S....Chemische Fabrik, vormals Sandoz & Co. Founded 1887.
- Dutch and French Companies
    - FA....Farwerk Amersfoort, Amersfoort, Netherlands. Founded 1838.
    - NF....Niederlandische Farben-und-Chemikalienfabrik Delft, Delft, Netherlands. Founded 1897.
    - CN1....Compagnie Nationale des Matieres Colorantes et Produits Chimiques. Founded 1917.
    - P....Societe Anonyme des Matieres Colorantes et Produits Chimiques St. Denis. (formerly A. Poirrier). Founded 1830.
  - English Companies
    - Bro....Brotherton & Co. (Ltd.), City Chambers, Leeds.
    - BAC....British Alizarine Co. (Ltd.), Manchester.
    - BD....British Dyestuffs Corporation (Ltd.), London.
    - CI Co....The Clayton Aniline Co. (Ltd.), Clayton, Manchester.
    - CV....The Colne Vale Dye and Chemical Co. (Ltd.), Milsbridge, Huddersfield.
    - Hol....L. B. Holliday & Co. (Ltd.), Huddersfield.
    - Scot....Scottish Dyes (Ltd.), Grangemouth.
    - 1Etablissements Kuhlmann merged with this company in 1923.

## The list of dyes follows:

Schultz No.	Dye & Maker	Quantity Pounds
19	Fast light yellow	1,102
28	Kiton fast yellow 3G-I	1,000
121	Hansa yellow G	50
122	Hansa yellow G pdr.-M	100
123	Erica B	200
124	Erica B extra-A	2,752
125	Cotton pink GN-B	10
126	Diazine black G-K	110
140	Carbocaine	2,157
166	Chromocitronine R-nc-DH	4,410
167	Chromocitronine V-DH	40
168	Jasmine highly conc.-G	2,000
169	Naphthol red GR-B	10
170	Ponceau for silk	110
171	Acid ponceau E-G	2,157
172	Brilliant sulfon red	4,410
173	Brilliant sulfon red B-S	40
174	Brilliant sulfon red 10B-nc-S	2,000
207	Diphenyl fast brown GNC-G	10
217	Agalma black 10B	10
220	Agalma black 10BX-c-B	10
221	Palatine black	10
247	Wool black GRF-A	10
248	Scarlet	10
263	Imperial scarlet 3B-c-By	4,400
264	Sulphon cyanine black	50
265	Acid milling black B-G	1,000
266	Naphthylamine black D-C	
273	Naphthylamine black D-C	
274	Diaminogen blue	
275	Diazanil blue 2R-M	

(Continued on Page 2000)

# OXALIC ACID DUTY RAISED TO 6c LB.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 31.—President Coolidge on Monday issued a proclamation raising the tariff on oxalic acid from 4c per pound to 6c per pound. This represents the maximum increase of 50 per cent authorized by the law and was in response to a unanimous report from the Tariff Commission recommending the higher rate. Application for the increased rate was filed with the commission more than a year ago by Victor Chemical Works, Chicago. It was opposed by R. E. Greeff & Co., of New York, selling agents for imported oxalic acid, who asked a decrease in the rate of duty.

Investigation, the commission reported, showed that the differences in costs of production in the United States and in Germany, the principal competing country, were greater than the duty of 4c per pound and slightly greater than the maximum duty permissible under Section 315, or 6c per pound. These differences exist whether costs are compared at factory or with the addition of transportation costs. Oxalic acid is used chiefly in laundries as an acid rinse and to a lesser extent in the dyeing and printing of textiles.

# FORD BY-PRODUCTS BRING \$13,000,000

Ford Motor Co. will realize nearly \$13,000,000 from its by-products for the year 1924. Approximately \$4,000,000 of this comes from by-products reclaimed from waste material around the various plants. Coal brought into the River Rouge plant is coked for the company's use and the by-products of coking, such as gas, benzol and ammonium sulfate sold, bringing in about \$1,150,000 annually. Slag from the blast furnaces at this plant is transformed into Portland cement in a plant turning out 1,000 barrels a day.

At the body-parts works, at Iron Mountain, Mich., is the largest wood distillation plant in the world. The hardwood scrap is converted into charcoal, pitch, creosote, ethyl acetate, refined wood alcohol, methyl acetone and acetate of lime. The company uses a number of these by-products but the remainder are sold and bring approximately \$2,500,000 a year.

# CADWALLADER JOINS GEORGIA PINE CO.

Wayne Cadwallader, formerly head of Cadwallader & Co., New York, has become manager of the chemical department of the Georgia Pine Turpentine Co., New York, with works at North Carolina and Georgia points. Cadwallader & Co. has discontinued its distributing and jobbing business and is now a research organization on resins and allied products. The new chemical department of the turpentine company will specialize in carbon blacks, coal-tar products, colors, magnesia and other products formerly handled by Cadwallader & Co.

# GUGGENHEIMS MAKE NITRATE DEAL

Anglo-Chilean Consolidated Nitrate Corp. is being organized by Guggenheim Bros., New York, for the acquisition of the properties of Anglo-Chilean Nitrate and Railways Co. Ltd. of England. Capitalization of the new company, chartered under the laws of Delaware, will be 125,000 shares preferred stock of \$100 value each and 1,600,000 shares no par common stock.

Vanadium Corporation of America announces that arrangements have been made for the merging with it of United States Ferro Alloys Corp., of Niagara Falls. The corporate organization of the latter company will be maintained but the control and operation will be in the hands of the Vanadium company.

# I. C. C. AND LIGHT DRUM SIZES BY GALLON MEASURE JANUARY 1

Waste Cutting Program, Proposed by Hoover, Eliminates 41 Sizes—Chemical Industry Uses Million of These Drums—Co-operation Asked in Simplification Work

(Special to DRUG & CHEMICAL MARKETS)

Cleveland, Dec. 31.—Chemical manufacturers, whose annual purchases of standard I. C. C. and light steel drums are estimated to total about a million containers of these types, will buy them only by gallon measure sizes beginning with the New Year, when the simplified practice recommendations adopted in Washington March 26, 1924, go into effect. At that conference with Secretary of Commerce Hoover it was agreed that the recognized sizes of steel barrels and drums be reduced to the following capacities:

I. C. C. drums—10, 15, 33, 55, 110 gals.

Light shipping drums—10, 15, 30, 55 gals.

Friction cover light drums (9 and 15 inch openings only)—10, 15, 30, 40, 50, 55, 60 gals.

Bolted cover light drums (9 and 15 inch openings only)—10, 15, 30, 40, 50, 55, 60 gals.

Bilge barrels—50 gals.

Standard light shipping drums of 50 gal. capacity have been put in a special class as certain to be eliminated in the early future.

This simplified schedule eliminated 41 sizes of drums, or 63 per cent of the old line, and has the enthusiastic endorsement of both makers and users.

The changes will not seriously affect chemical manufacturers except those who are using these containers for dry materials sold by pound measure, and their requirements are given special consideration in the large number of sizes furnished in the light drums. None of this schedule applies to the so-called one-way shipper containers.

"The advantages to all of this simplification work are so obvious," said D. S. Hunter, secretary of the Steel Barrel Manufacturers Association, "that we know we can count on the active co-operation of the chemical and drug industries. It is work right in line with the activities of the Manufacturing Chemists and the American Drug Manufacturers associations—in fact it is going to help and supplement their efforts in this same direction."

It is planned to review and revise if necessary, these size schedules at conferences with the Department of Commerce. As Wm. A. Durgin, chief of the Division of Simplified Practice, under whose direct supervision this work has been done, says: "We purpose to survey the effectiveness of these recommendations each year, the results of the inquiry to be placed before a similar conference as a basis for any revisions that may be needed."

# EXPORT ASS'N ANSWERS FALKINGHAM

Zabriskie, Sage, Gray & Todd, attorneys for United States Alkali Export Association, said in a statement to a representative of Drug & Chemical Markets, that the association's reply to the suit brought against them by P. E. Falkingham would be a general denial of the charges. The defense will be based upon the fact that the association was organized for export trade under the Webb-Pomerene Act which specifically exempts export associations from certain clauses of the Sherman Act. The lawyers further stated that insofar as the activities of the association have affected the plaintiff it has been merely one of the ordinary exigencies of trade, such as might be met with in any business venture.



## The Heavy Chemical Market

Current Spot Quotations for Heavy Chemicals, pages 2006-2008

### COPPER SULFATE ADVANCED BY MAKERS

High Price of Metal Finally Brings Rise in Domestic Material—Prussiates Record Further Advance—Bichromates Remain Unsettled—Oxalic Acid Firmer—Acetate of Lime Unchanged for January—Makers Slash Acetone Prices—Arsenic Very Quiet—Potassium Perchlorate Unchanged

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
Copper Sulfate, 5c per 100lb. Potassium Prussiate, 1c to 1½c lb.  
Sodium Prussiate, Imp., ¾c lb.

Declined  
No Declines

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial....lb.	\$1.11	\$1.11	\$1.11	\$1.23½	\$1.19½	\$1.07
Sulfuric Acid, 66 deg. ton	14.00	14.00	14.00	15.00	55.00	20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.75	2.80	7.50	2.65
Bleaching Powder, 100lbs.	1.90	1.90	1.90	1.25	9.50	1.80
Copper Sulfate, c/l 100lbs.	4.65	4.60	4.60	4.60	20.00	4.50
Potash Caustic, Imp....lb.	.07½	.07½	.07½	.06¾	.87	.08
Soda Ash, 38 p.c....100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c.100lbs.	3.65	3.65	3.65	3.65	9.50	1.42
Potassium Bichromate...lb.	.08½	.08½	.08½	.09½	.65	.06¾
Sodium Prussiate, Imp. lb.	.09½	.09½	.09	.11¼	1.25	.18
Average .....	2.927	2.921	2.921	2.964	10.79	2.99

Business in heavy chemicals during the week reached the lowest point of the year and in addition to decline in spot business, contract deliveries ceased in most instances since the long awaited inventory period had actually arrived. Prices remained unusually steady as factors generally appeared to be able to hold on over the last week in a final effort to weather the dull period with an active demand seen immediately ahead. Prussiates continued their upward movement. Domestic prices at present are lower than for the imported products. The market abroad is decidedly firmer and quotations for shipment are slightly higher than for spot goods. Price changes were few, since prices were mostly nominal owing to unwillingness on the part of the consumer to buy at this time, and the general disposition of the holder to await the turn of the year. Due to the continued advances in foreign exchange higher levels are anticipated for imported products with consequent increases in domestic quotations. Copper sulfate was advanced by makers. Barium products continue weak and the actual market is hard to determine since each transaction appears to fix its own price.

**Acetone**—Effective Jan. 1, the leading producer of fermentation acetone will cut prices to a basis of 12c lb. in tank cars, f.o.b. works, and 12½c drums in carlots, works. This is a drop of 2c lb. for C. P. and is the result of continued keen competition between the fermentation product and that made from acetate of lime. Other makers will probably follow the cut. The market is reported below cost of production of lime acetone.

**Acid Acetic**—Forward business continues to increase and manufacturers are reporting prices firm. Raw material advances are reported unlikely for January at least and consequently no advance in the acid is forecasted at this time. Prices quoted are \$3.12@\$3.37 for

the 28% material; \$5.85@\$6.10 for 56%; and \$11.01@\$11.76 for glacial as to seller and quantity.

**Acid Formic**—Continues in steady position with holders naming unchanged prices of 10½c@11c lb. for, the 85% material, and 11½c@12c lb. for the 90%.

**Acid Lactic**—Continued quiet during the past week with prices from makers holding at recent levels. For 22%, 5½c@6c lb. for dark, and 6½c@7c lb. for light; for 44%, 11½c@12c lb. for dark, and 13½c@14c lb. for light; for 66%, 18½c@19c lb. for dark, and 28c@30½c lb. for light.

**Acid Oxalic**—Firmer due to the elimination of practically all weak holders and a steady demand is reported at unchanged quotations of 9½c@10c lb. in barrels. During the week 128 casks were imported at New York.

**Acid Phosphoric**—Continues quiet with forward business reported satisfactory. Manufacturers quote 7c@8c lb. for the 50% material, and 15c@17c lb. for the 85% syrupy.

**Alum Potash**—Imported material holds firm at recent higher levels, and factors quote \$2.60@\$2.85 as to quantity with shipment named at \$2.62½@\$2.75 per 100 lb.

**Ammonium Chloride**—Spot business continues quiet, and stocks are reported large. Prices steady at 7½c@8c lb. for white domestic, and 8c@8½c lb. for gray. Lump is very firm at 12c lb. Imported white is named at 6c@6¼c lb., and gray at 7¼c@7¾c lb.

**Aluminium Sulfate**—Manufacturers report a steady demand at recently advanced prices of \$2.00 per 100 lb. for the iron-free material, and \$1.40 for commercial in bags.

**Arsenic**—Continues weak with practically no material changing hands. Stocks of both domestic and imported materials reported large. Future very doubtful owing to a small manufacture of calcium arsenate for the coming season anticipated at this time. Spot goods nominal at 6¼c@6½c lb.; Japanese unchanged at 6c lb. for shipment; and German still nominal at 6c lb.

**Barium Products**—Market continues in an unsettled condition with quotations on the chloride unchanged at \$61.00@\$63.00 per ton, and lower figures reported accepted on firm offers in cases of distressed material. The domestic product remains at \$70.00 ton. Carbonate also remains dull with asking price from most factors placed at \$52.00, and \$50.00 reported as commonly done.

**Bleaching Powder**—No new developments reported by manufacturers who report spot business at a very low point and large quantities of material available for shipment with practically no requests. Makers are now marking time until next year when shipments on 1925 contracts will start. Quotations on contract for 1925, \$1.90 for carlots of large drums; l.c.l. \$2.05; spot works price 10c above contract price.

**Copper Sulfate**—Domestic material advanced and now quoted at \$4.65@\$4.85 per 100 lb. as to seller. The imported product is still quoted at prices above \$5.00, and higher levels are expected to be reached owing to further advances in the metal price. At the present time factors are reporting an export business in this material. The market is very firm and doubtless higher prices will be quoted by factors now naming \$4.65. Competition remains quite sharp.



**Copperas**—Steady demand reported by makers who quote in carlots, \$13.00 per ton, bulk; \$16.00, bags; \$17.00, barrels.

**Potash Carbonate**—Light stocks reported on spot in calcined grades, which continue very firm at recent levels of 5¼¢@6¢ lb. for 80-85%; 6¼¢@6¾¢ lb. for 96-98%.

**Potash Caustic**—Firm owing to higher replacement values from abroad; factors name 7½¢@7¾¢ lb.

**Potassium Perchlorate**—Supplies remain in a few strong hands, some of whom quote 14¢ lb., although one factor continues to name 10¼¢ lb.

**Prussiates**—Firm and higher for both imported and domestic products. Quotations from abroad on soda are named at 10¢ lb. duty paid to the importer and the present spot price is about 9¼¢@10½¢ lb. Domestic material is quoted at 9½¢@10¢ lb., works, as to quantity. Potassium prussiate is quoted from abroad to importers at 18¢ lb., duty paid, and spot goods are quoted at 19¢@20¢ lb. Domestic material is higher at 18½¢@19¢ lb. as to quantity. Spot goods are reported as scarce in some quarters, while in others they are said to be plentiful but in strong hands. At present it appears that the full strength of the foreign market will very shortly be reflected here, and if a short interest exists abroad as is stated, higher levels will doubtless be reached.

**Soda Ash**—Makers marking time until deliveries on 1925 contracts are started. Spot business reported very dull. Contract quotations, 58% light, \$1.25, bulk; \$1.38, bags; \$1.63, barrels, carlots, works.

**Soda Bichromate**—Unsettled condition continues with prices quoted at recent levels but repeated reports of shading heard. Makers are still naming 6¼¢@6½¢ lb., and 6½¢ lb. is known to have been done, while 6¢ lb. is reported not likely to be rejected.

**Soda Caustic**—Continues quiet with factors awaiting the passing of the inventory period. Contract prices, \$3.10 for carlots of solid 76% material at works; l.c.l. spot, \$3.75@3.91 for solid, and \$4.16@4.31 for ground and flake in carlots.

**Sodium Nitrate**—Holding steady at unchanged quotations of \$2.45 per 100 lb. for spot carlots.

**Sodium Sulfide**—Steadier at recent levels of 2¢@2½¢ lb. as to seller and quantity.

#### Metals

The metal market showed a general upward trend during the past week. Copper closed higher with both the electrolytic and Lake quoted at \$14.88@15.00 per 100 lb.; lead advanced to \$9.50@10.25 spot, N. Y.; tin, Straits, up to \$58.13 per 100 lb.; zinc, common slabs, up to \$8.02½@8.07½, New York, and \$7.65@7.75 East St. Louis; high grade \$8.25 per 100 lb., and mossy 14¢ lb.

The Baltimore market for sulfuric acid is stated to show marked improvement, with the quotations at \$10.50 per ton for 60 degree acid and at \$16 for 66 degree supplies. Brimstone acid commands larger returns than the pyrites product, owing to its greater purity, and the demand taxes the capacity of the producers. One large producer recently contracted with another for a quantity of acid to take care of the wants of his customers, not being able to make prompt delivery.

The "muck" dam of Mathieson Alkali Works' plant at Saltville, Va., gave way on the evening of Dec. 24, releasing an avalanche of muck and water and sweeping ten persons to their death. Ten others are missing and thirty were seriously injured.

## FERTILIZER INDUSTRY JEOPARDIZED BY UNDERWOOD BILL, SAYS OBER

**Muscle Shoals Project Through Underwood Plan Would Demoralize Fertilizer Market, Association President Says—Would Mean 30% Additional Output Thrown on Market at Any Price It Would Bring—Present Prices Low**

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 31.—Gustavus Ober, Jr., of Baltimore, president of the National Fertilizer Association, gave out the following statement of the association's position on the Muscle Shoals bills now pending in Congress: "Senator Underwood's criticism of the National Fertilizer Association in connection with his reading in the Senate on December 16 of the Association Bulletin reporting to its members the status of his Muscle Shoals bill, ignores certain fundamental principles of justice and equity. In the first place the fertilizer industry is asking nothing of the government; at most it is engaged in an open effort to protect its lawful interests against competition which Mr. Underwood frankly avows he would make possible, and continuously maintain, by a grant of government property and what amounts to a bonus of government funds."

"In return for these governmental gifts, Senator Underwood's bill would require the lessee to produce annually 40,000 tons of nitrogen which, he says, would be converted into 2,000,000 tons of complete fertilizer. The annual production of fertilizer in this country is about 7,000,000 tons. Thus the fertilizer industry is confronted with the possibility of government subsidized competition amounting to 30 per cent of the normal demand.

"In addition to the governmental gifts above referred to there is, according to Senator Howell, page 730, Congressional Record, the promise of annual profit to the lessee from the power operation of \$13,057,000. The lessee could well afford to assume the obligation of nitrogen production and absorb the losses therefrom with the power profits. The farmer's interest in this legislation is said to be paramount and it is well to examine the subject from that viewpoint. The production of 2,000,000 tons of fertilizer would not be enough to supply the entire demand, but it would seriously disrupt the market. It would have to be sold and for any price it would bring. It would displace tonnage for which there is now more than adequate manufacturing equipment, causing demoralization in the industry. This condition would be reflected in aggravated credit and financing difficulties of fertilizer manufacturers. The fertilizer industry represents an investment of more than \$300,000,000 and any government action that impairs this investment is bound to have far-reaching effects that will cause curtailed production and enhanced prices to consumers beyond the shipping radius of Muscle Shoals.

"The fertilizer industry devoted large capital expenditures to expanding sulfuric acid plants for war purposes. It has liquidated these war expenditures, taking very heavy losses, and is one of the few basic industries whose prices to consumers are now at about pre-war levels. While the general average of commodity prices ranges from 50 per cent to 80 per cent above pre-war prices, fertilizers are now and have been for several years approximately at 1913 and 1914 price levels. Stated in more graphic form, the 1924 bushel of wheat, bushel of corn, or pound of tobacco would buy nearly twice as much fertilizer as the same unit of wheat, corn or tobacco bought in 1914, and a pound of 1924 cotton would buy two and one-half times as much as the 1914 cotton bought."

## The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals, page 2014

### TOLUENE STRONGER AND SCARCE ON SPOT

Demand Reported Greatly Increased—Benzol Holding Very Steady—Phenol Easier—Pyridine Stronger Owing to Colder Weather—Cresylic Acid Remains Dull—Crudes Generally Quiet—Intermediates Dull—Strong Undertone Continues in Aniline Oil and Beta-naphthol—Competition Very Sharp

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Pyridine, 10c gal.	Advanced
	Solvent Naphtha, 2c gal.
	No advances.
	Declined
	No Declines

	Trend of the Market					War Peak	Pre-War
	Today	Last Week	Last Month	Last Year	Year		
Benzene, pure .....gal.	\$ .25	\$ .25	\$ .25	\$ .20	\$ .10	\$ .25	
Naphthalene, flake .....lb.	.05½	.05¼	.05½	.06½	.16	.03	
Phenol, Spot .....gal.	.24	.24	.25	.30	1.50	.08	
Toluene .....gal.	.26	.26	.26	.23	..	..	
Aniline Oil .....lb.	.16	.16	.16	.16	1.40	.10½	
Alpha-naphthylamine .....lb.	.35	.35	.35	.35	1.28	..	
Benzaldehyde .....lb.	.70	.70	.70	.75	..	..	
Betanaphthol .....lb.	.24	.24	.24	.26	1.50	.08	
Dimethylaniline .....lb.	.34	.34	.35	.39	1.30	..	
Paranitroaniline .....lb.	.66	.66	.66	.73	1.58	.18	
Average .....	0.325	0.325	0.327	0.343	..	..	

The market remained very quiet over the week with manufacturers reporting shipments only for immediate needs and the last of contract business being closed. Here and there is still found a consumer who is in doubt as to whether he wants to be bound by a contract, but in most cases they are displaying a desire to be covered for the coming year. Competition is reported to be much keener at the present time than it has been at any time during the period of depression. Instances of price cutting are heard, but nothing definite can be determined as manufacturers are not willing to lower prices openly at this time. Crudes remained quiet with pyridine firmer owing to colder weather and the elimination of several weak holders. Other crudes were unchanged with the exception of phenol, which was reported easier owing to large stocks and poor demand.

#### Crudes

**Benzene**—Very steady position being maintained due to a very exact balance reported between supply and demand. Production continues to increase slightly but the demand is keeping up with it. While no increase in request is anticipated for the first quarter of the coming year, an increase in production is reported certain and a lessening in demand is looked for from gasoline producers as the weather becomes colder. No changes in prices are reported and pure is still quoted at 25c gal. in tanks at mills, and 30c gal. in drums; 90° continues at 23c gal. in tanks and 28c gal. in drums.

**Cresylic Acid**—Demand continues poor and market generally dull. Prices, however, holding steady for both imported and domestic products. For 95% dark, 55c@60c gal. is quoted as to quantity; and for 97-99% pale 60c@65c gal. in drums at New York is named.

**Naphthalene**—Spot demand reported at standstill with constantly increasing contract business being closed for

the coming season. Market remains firm owing to all available supplies being in firm hands. Manufacturers prices are 5½c@6c lb. for flake as to quantity, and 6½c@7c lb. for balls in barrels at works.

**Phenol**—Easier owing to slight request, and makers report nothing but small routine business. Spot supplies are reported on the increase and shading of quotations on firm offers is intimated. Quotations continue at former levels of 23c@26c lb. as to packing; 23c lb. in indestructible drums, and 22c lb. in destructible drums.

**Pyridine**—Firmer due to elimination of weak holders and firmer ideas reported due to the colder weather. Quotations are generally higher, although no doubt there are still goods to be obtained at lower prices. Inquiry is reported to be greatly increasing, but only for one or two drum lots. Drums are now named at \$3.80 per gal. in most quarters.

**Solvent Naphtha**—Increased demand reported and prices firmer. In quarters where 22c per gal. could be done heretofore 24c per gal. in tanks is the only price named. Drum shipments are now quoted at 29c gal.

**Toluene**—Much stronger and spot supplies reported very scarce. Quotations are unchanged and 26c gal. is still named in tanks at mills, while the price in drums remains 31c per gal.

#### Intermediates

**Acid Cleve's**—Demand described as only routine and makers report an easy condition at quotations of 97c@ \$1.00 per lb. as to quantity.

**Acid Gamma**—Orders for immediate delivery reported at standstill with forward business fair at unchanged levels from manufacturers of \$1.40@\$1.50 lb.

**Acid H**—Slight demand reported by makers who continue to name 72c@75c lb. in 275 barrels at works.

**Acid Monosulfonic F Delta**—Manufacturers continue to report a fair request at recent levels of \$2.10 lb. in 50-lb. tins.

**Acid N. & W.**—Very slight volume reported moving over the past week. Makers continue to quote \$1.00@ \$1.05 lb. in 250-lb. barrels.

**Acid Naphthionic**—No increase in activity noticed in most quarters. Quotations holding steady at 62c@65c lb. as to quality in barrels at works.

**Aniline Oil**—Remains firm despite shipments to consumers being reported as very slight. Contract business continues to be closed at unchanged levels, and manufacturers are still predicting an increase after the turn of the year. Competition is very keen among makers just now and for that reason prices are being held down. Prices are 16c@17c lb. in drums as to quantity.

**Beta-naphthol**—Manufacturers report increasing contract business at recent low levels of 24c lb. in less than carlots. Spot demand very slight. A very strong undertone appears present in this product and manufacturers are beginning to talk of raising prices to recent higher levels after contracting is over and the spot demand sets in.

**Diethylaniline**—Active spot demand continues and prices remain firm at recent advance to 60c@62c lb.

**Dimethylaniline**—Competition reported very sharp

among makers, and although some are holding out for unchanged prices consumers claim they are obtaining lower quotations. Prices openly quoted are 34c@36c lb. in less than carlot quantities, and 33c lb. in carlots; however, it is claimed that 33c lb. is being done in less than carlots on contract.

**Nitrobenzene**—Continues quiet at manufacturers prices of 9c@9½c lb. for crude, and 9½c@10c lb. for redistilled in 100-lb. drums at works.

**Ortho-nitrotoluene**—Several manufacturers refuse to quote owing to entire output being sold under contract but goods are available from first hands at 8c@9c lb.

**Ortho-toluidine**—Demand continues satisfactory and prices continue to hold steady at 17c@18c lb. in 350-lb. barrels.

**Para-nitroaniline**—Slight demand for poorer grades and lower prices reported in some quarters, although makers generally continue to name 66c@67c lb. The high grade material for use in the lake trade continues firm owing to lessening of competition.

**Para-toluidine**—Demand continues dull with manufacturers anticipating better conditions after the turn of year. Prices steady at recent lower levels of 70c@75c lb. as to quantity.

Dye imported into France will be subject to duty at 1,200 to 3,400 francs per 100 kilograms if the new tariff bill prepared by the Customs Commission is passed by parliament.

LIST 15 OF DYE STANDARDS ISSUED

Trade Titles of Imported Products Commercially Identical and Manufacturer's Name

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 31.—Supplemental dye list No. 15 showing the standards of strength and the imported products identical with the standards, has been issued by the Customs Service of the Treasury Department. First the standard product is given, and indented under each standard is the identical product.

1 P	S.839 C.1108	Algol Blue K. 12½% Paste.....(By)
		Algol Blue K. Pastes & Powder.....(By)
		Vat Blue R K. Pastes & Powder.....(By)
2 P	(V)	Algol Red 2 G. 12½% Paste.....(By)
		Algol Red 2G. Pastes & Powder.....(By)
3 P	S.788 C.1051	Alizarine Cyanine WRB—15½% Paste.....(By)
		Alizarine Cyanine W R B. Pastes & Powder.....(By)
4 P	C.1092	Alizarine Geranole B.....(By)
		No identical product
5 P	S.63	Azo Acid Blue B.....(S.)
		Azo Acid Blue B. Conc.....(S.)
6 P	(D)	Brilliant Congo Violet R.....(A.)
		No identical product
7 P	(M)	Chromocitrone V.....(D-H)
		No identical product
8 P	C.865	Chrysophenine G.....(L.)
		Cotton Yellow C H.....(J.)
9 P	(D.d)	Diazo Brilliant Scarlet G. Extra.....(By)
		No identical product
10 P	S.462 C.581	Direct Deep Black, E. extra.....(By)
		Cotton Black E extra conc.....(B.)
11 P	S.463 C.582	Direct Deep Black RW extra.....(By)
		Cotton Black RW extra highly conc.....(B.)
12 P	(D)	Direct Fast Orange K.....(J.)
		No identical product
13 P	(A)	Fast Acid Violet RGE.....(M.)
		Fast Acid Violet RGE conc.....(M.)
14 P	(V)	Indanthrene Red G G 10% Paste.....(B.)
		Indanthrene Red G G. Pastes & Powd.....(B.)
		Vat Red G G. Pastes & Powder.....(M.)
		Helindone Red I G. G Pastes & Powder.....(B.)
15 P	(V)	Indanthrene Yellow G T 25% Paste.....(B.)
		Indanthrene Yellow G T Pastes & Powd.....(B.)
		Vat Yellow G T. Pastes & Powder.....(B.)
16 P	(Sr)	Katigen Black T extra.....(By)
		Sulphur Black T B F.....(A.)
17 P	(A)	Sulphon Yellow 5 G.....(By)
		No identical product

BRITAIN TESTING NEW DYE PROCESS

One thousand tons of gold arsenical concentrates were shipped recently by steamer from Halifax, Nova Scotia, to Antwerp, Belgium. The concentrates are to be used in connection with a new English process for the manufacture of dyes, for which a plant has been erected in Antwerp. Should the process prove successful, it is anticipated that a new and important industry will be born in Nova Scotia.

DYE PRICES FIRM IN FRANCE

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Paris, Dec. 20.—Dye products are firm owing to difficulty in procuring basic materials. A decline is reported in the price of naphthalene, which is normal during the winter, and in carbon tetrachloride, the quotation for which has fallen 50 francs to francs 600 per 100 kilograms.

All-Russian Textile Syndicate's American Branch has completed arrangements with E. I. du Pont de Nemours & Co., to purchase a large supply of American dyes. The Branch made public a statement which showed that between Dec. 31, 1923, and Sept. 30, 1924, they spent \$36,682,130 for American cotton and total expenditures during that period were \$39,206,085.

Dye and Chemical Co. of Canada, Ltd., Toronto, has appointed L. Whinyates, an experienced manufacturing chemist, as assistant manager. L. M. Wood, president of Wood, Fleming & Co., Toronto, was elected a director.

18 P	(A)	Supramine Yellow R.....(By)
		Radio Yellow R.....(C.)
19 P	S.566 C.737	Wool Green S.....(B.)
		Wool Green S.....(Var)
Additional Names of Dyes Corresponding to Dyes		
Already Adopted as Standards		
22	C.1152	Algol Brown G. 12½% Paste.....(By)
		Helindone Brown IG Pastes & Powder.....(M.)
26	S.833 C.1150	Algol Olive R. 12½% Paste.....(By)
		Helindone Olive IR Pastes & Powder.....(M.)
38	S.865 C.1078	Alizarine Cyanine Green G. extra.....(By)
		Alizarine Light Green G. S. Conc.....(S.)
55	S.858 C.1054	Alizarine Saphirol B.....(By)
		Alizarine Sapphire Blue B.....(J.)
57	C.1053	Alizarine Saphirol WSA.....(By)
		Alizarine Blue W.S.....(By)
59	S.855 C.1088	Alizarine Sky Blue B.....(By)
		Chrome Sky Blue B.....(By)
99	S.279 C.327	Benzo Fast Scarlet 4 B S.....(By)
		Direct Fast Scarlet S E, S E Conc.....(J.)
111	S.503 C.667	Brilliant Acid Green 6 B.....(By)
		Erio Viridine B. Supra No. 561.....(G.)
117	S.623 C.878	Brilliant Delphine Blue B S.....(S.)
		Delphine Blue B.....(J.)
12 L	(V)	Helindone Yellow R N 20% Paste.....(M.)
		Helindone Yellow IRK Pastes & Powd.....(M.)
317	C.1106	Indanthrene Blue RS 10% Paste.....(B.)
		Indanthrene Blue RSP Pastes & Powd.....(B.)
		Vat Blue R S P. Pastes & Powder.....(B.)
322	S.827 C.1143	Indanthrene Claret B. extra 12½% Paste.....(B.)
		Vat Bordeaux B. Extra Pastes & Powd.....(B.)
329	S.831 C.1162	Indanthrene Red B N. extra 12½% Paste.....(B.)
		Helindone Red IRK Pastes & Powder.....(M.)
334	S.849 C.1118	Indanthrene Yellow G. 12½% Paste.....(B.)
		Vat Yellow G. Pastes & Powder.....(B.)
362	(A)	Milling Yellow O.....(C.)
		Wool Fast Yellow G.....(B.)

Changes in List of Standards

"Indanthrene Violet BN 20% Paste" in T.D. 4025, Supplement No. 1 under "Additional Names" for standard No. 331, should read Indanthrene Violet BN 25% Paste as in original list under standard No. 331 T.D. 40192.

The number for standard for "Algol Brilliant Violet 2 B (By)" referred to in Supplement No. 14 T.D. 40525, should be 20 instead No. 19.

Standard No. 243 is removed from the original list.



# The Oil Market

Current Spot Quotations of Oils, Tallow, Greases, page 2031

## MAKERS AGAIN ADVANCE STEARIC ACID

Continued Increases in Raw Material Prices Bring Further Advance—Red Oil Also Up Again—Lard Oil Higher—Greases Up—Oleo Oil Reduced—Tallow Higher—Animal Oils Continue Strong—Vegetable Oils Remain Firm—Coconut Oil Higher—Corn Oil Up—Linseed Oil Steady—Peanut Oil Easier—Fish Oils Quiet—Cod Oil Easier

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Coconut, Ceylon, ¼c lb.	Red Oil, ¼c lb.
Corn Oil, ¼c lb.	Stearic Acid, ¼c lb.
Greases, ¼c lb.	Tallow Oil, ¼c to ½c lb.
Lard Oil, 7c to ¾c lb.	
Declined	
Cod, Newfoundland, 2c gal.	Oleo Oil, ¼c lb.
Peanut Oil, 1c lb.	

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Cod Oil, N. F.....gal.	\$ .60	\$ .62	\$ .62	\$ .67	\$ 1.25	\$ .26½
Degras, American, bbl.lb.	.04½	.04½	.04½	.04½	.23	.03½
Lard No. 1.....gal.	1.00	.98	.98	.79	2.90	.92
Menhaden, crd. tks.....gal.	.58	.58	.57½	.50	1.20	.33
Neatsfoot, 20 deg. c.t.....gal.	1.30	1.30	1.35	1.33	3.45	.95
Red Oil, distilled.....lb.	.11¾	.11¾	.10¾	.08½	.17	.07
Stearic Acid, T. P.....lb.	.16	.15	.14	.13	.33	.12
Coconut, Ceylon, bbls.....lb.	.11½	.11½	.11¼	.10	.90	.14
Cottonseed, crude, tks.....lb.	.10	.10	.09¾	.09¾	.25	.08
Linseed, crude.....gal.	1.13	1.13	1.06	.92	1.85	.37
Olive, denatured.....gal.	1.30	1.30	1.30	1.10	4.50	1.05
Peanut, refined.....lb.	.16	.17	.17	.16	.30	.98
Soya Bean, bbls.....lb.	.14	.14	.14	.11	.19½	.07
Average .....	0.526	0.526	0.508	0.462	1.20	0.362

A general disposition among dealers to hold their supplies over the end of the year rather than dispose of them at a time when demand for actual needs among consumers is at a low point was apparent in the market for fixed oils during the week. Despite the fact that trading was done in very small volume, prices held firm and further advances were recorded in several products. Dealers were unwilling to make any quotations to brokers and were inclined to let the rest of the month go by since they feel certain that higher prices will be obtained. Chinawood oil showed no further easiness on spot and the market abroad remained firm. The outlook for the consumer is not at all bright, owing to the firm ideas prevalent among holders, and those consumers who have waited for the break in the market, which did not make its appearance this year as in former times, are known to be still uncovered, although a few were reported to have come into the market in the last two weeks. Animal oils were advanced further with the exception of oleo oil which was lowered again in a renewed effort to move rapidly accumulating stocks. Sales of oleo oil for export are reported at a standstill and the opinion is that foreign buyers have been holding off for lower prices, and now that the quotations are being reduced they will wait as long as possible in order to see just how far the price will drop. A sold-up condition extending several weeks ahead is reported by producers of animal oils in all other products. Red oil and stearic acid were advanced again during the week.

### Vegetable Oils

**Castor Oil**—Remains quiet under small routine demand at unchanged quotations of 17½c lb. for No. 1, and 17c lb. for No. 3.

### INDUSTRIAL CHEMICAL SECTION

**Chinawood Oil**—Holding steady on spot due to apparent elimination of several weak holders. Market remains firm abroad and quotations from the orient for shipments in the first quarter of the coming year are 1c lb. higher than quotations in this country for the same delivery positions. Higher prices anticipated in many quarters for the latter half of January. Spot goods are quoted at 15½c@15¾c lb.; and shipments for near-by positions are named 15¼c@15½c lb.

**Coconut Oil**—Ceylon slightly higher on spot and for shipment owing to continued scarcity of supplies. Holders are now naming 11½c@11¾c lb. in barrels at New York, and 10¾c lb. in tanks. Cochin steady at 12c@12½c lb. in barrels, and 11¼c lb. in tanks. Manila unchanged, and quoted at 10c lb. in tanks at New York.

**Corn Oil**—Higher owing to active interest being displayed during the week, and dealers are now asking 10½c lb. for the crude material in buyers tank cars at mills, and 12c lb. in barrels. Refined oil is quoted at 14c@14¼c lb. in barrels, and 13¾c lb. in tanks.

**Cottonseed Oil**—Remains firm for all grades except of Winter yellow. Crude holding steady at 10c lb.; P.S.Y. is unchanged at 11½c@12¼c lb. as to delivery position; and Winter yellow has eased off to 12¾c@13¼c lb.

**Linseed Oil**—Prices holding steady in most quarters although resale material is reported available at lower quotations. A further upward movement would not be unlikely owing to higher seed quotations. Business is reported by leading crushers to be at a standstill. Prices unchanged and Dec.-Feb. carlots are named at \$1.13 per gal.; March-April, \$1.14; May-June, \$1.17. In some quarters May-June business is reported closed at \$1.15. Five barrel lots remain at \$1.17 per gal., spot. Flaxseed markets were generally higher at the close of the week, and Winnipeg recorded an advance to \$2.64 for Dec. and \$2.73½ for May; Duluth was slightly easier for Dec. at \$3.03, steady for Feb. at \$3.04, and higher for May at \$3.06; Minneapolis was higher at \$3.07 for Dec. and Jan., and \$3.09 for May; Buenos Ayres was higher at \$2.35. London linseed oil was easier at 48s 3d per 112 lb.

**Olive Oil**—Firm due to continued scarcity of spot stocks and dealers generally continue to name \$1.30@ \$1.35 gal. for denatured material. Edible is unchanged at \$2.15@\$2.25 gal. in barrels, New York.

**Olive Oil Foots**—Continues firm on spot and shipments from new crop are quoted slightly higher. All spot supplies and practically all shipments afloat continue in strong hands and no easing off is in sight. Higher prices are anticipated for new crop goods. Dealers name 10c lb. for spot and nearby positions; and for new crop goods 9¾c@10c lb. is quoted.

**Palm Oil**—Lagos holding steady at recently lower prices of 9¾c@10¼c lb. as to quantity. Niger holding at recently advanced quotations of 9c@9¼c lb. in casks. During the past week 707 casks were imported at New York.

**Palm Kernel Oil**—Continues firm at unchanged levels of 10½c@10¾c lb. At New York 55 casks were imported over the past week.

**Peanut Oil**—Refined slightly easier on spot due to lowering of crude quotations. The refined material is



now quoted at 16c lb. in barrels; and the crude product is named at 11 $\frac{1}{4}$ c lb. in barrels.

**Rapeseed Oil**—Quotations being steadily maintained although the market is quiet, and only a slight routine demand is reported. Dealers continue to name 99c@ \$1.00 lb. for spot refined material in barrels.

**Sesame Oil**—Spot goods remain entirely nominal although a few lots have been located during the past week. Shipments are not named for any position nearer than February, and the price named is 14 $\frac{1}{2}$ c lb.

**Soya Bean Oil**—Crude remains firm with dealers holding supplies during dull period and naming recent prices of 12 $\frac{3}{4}$ c@12 $\frac{3}{4}$ c lb. in tanks, and 13 $\frac{1}{4}$ c@14c lb. in barrels. Refined holding steady at 14c lb.

#### Animal Oils

**Greases**—Makers announced a further increase in quotations of several grades during the week due to continued demand for all available supplies. Choice white firm at 14c@14 $\frac{1}{4}$ c lb.; yellow higher at 9 $\frac{3}{4}$ c lb.; brown up to 8 $\frac{3}{4}$ c@9c lb.; house unchanged at 9 $\frac{3}{4}$ c @10c lb.

**Lard Oil**—Further increases in prices for most grades quoted by manufacturers owing to sold-up condition for some time ahead. Edible now at 19 $\frac{1}{4}$ c lb.; off prime steady at 17 $\frac{1}{4}$ c lb.; extra higher at 16 $\frac{1}{4}$ c lb.; No. 1 up to 14c lb.; and No. 2 advanced to 13 $\frac{3}{4}$ c lb.

**Oleo Oil**—Manufacturers announce further price reductions in a continued effort to move rapidly accumulating stocks. No. 1 lower at 16c@16 $\frac{1}{4}$ c lb.; and No. 2 shaded to 15c@15 $\frac{1}{2}$ c lb.

**Red Oil**—Higher from makers who have made another advance in price in addition to the increase announced last week. Quoted at 11 $\frac{3}{4}$ c lb. in barrels for distilled and saponified, and 11c lb. in tanks. Further advances in raw materials will doubtless bring about further increases.

**Stearic Acid**—Higher owing to higher tallow quotations, and makers name a further advance to 14c lb. for double pressed, and 16c lb. for triple pressed, both distilled and saponified.

**Tallow Oil**—Further increase in price announced by makers, who now quote 12c lb. for edible; 10 $\frac{3}{4}$ c@11c lb. for city extra loose; and 12c lb. for acidless in tanks at New York.

#### Fish Oils

**Cod Oil**—Very sharp decline in volume moving reported over the past week, with prices slightly easier at 60c@62c lb. in barrels in New York.

**Menhaden Oil**—Prices holding steady although spot demand is at standstill. Light strained remains at 70c @72c gal.; yellow bleached, 73c@75c gal.; extra bleached, 75c@77c gal. in barrels.

#### VEGETABLE OILS STEADY IN FRANCE

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Marseilles, France, Dec. 22.—The palm oil and glycerin markets are steady. Quotations per 100 kilos are: Palm oil, Dahomey, 360 francs; glycerin, saponification, 500 francs; glycerin from lye, 80%, 435 francs; glycerin, 40%, 182.50 francs; olein, distillation, 410 francs; olein, saponification, 430 francs; stearin, distillation, ordinary, 465 francs; supra, 470 francs; stearin, saponification, 480 francs.

Lithopone products are in demand in Egypt, according to the director of the French Commercial Office, Alexandria, who says that importers have had to contend with poor qualities placed on the Egyptian market by Germans.

#### ROSINS STEADY; FINE GRADES ADVANCE

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Dec. 27.—Although business for the past week was done at slightly lower levels than for the previous week, rosins generally remained firm. Heavy shipments of foreign goods were received during the week but practically all of these supplies had been previously bought and some distraction to business was noted owing to the holiday season. Medium grades are considered in a very firm position and worth more than the prevailing quotations. Fine grades were higher due to continued small receipts. The general opinion is that consumers should cover their requirements during the next two weeks. Receipts of rosin for the week were 12,438 barrels; and the stock today is 93,069 barrels.

Turpentine closed firm at 77 $\frac{1}{2}$ c, which is 2 $\frac{1}{2}$ c lower than for last week. Much indifference was displayed over the week due to the holiday season apparently lessening the demand and the trade seemed to be interested in other directions. A slight recovery was present toward the end of the week but this is not expected to last and not much improvement is anticipated for the coming week. An upward movement is looked for shortly in January, however. Receipts for last week were 3,020 barrels; shipments, 3,139 barrels; stock today, 15,959 barrels.

Jacksonville, Fla., Dec. 27.—Turpentine closed firm on sales of 100 barrels at 77 $\frac{1}{2}$ c. Additional offerings of 369 barrels were carried over and 77 $\frac{1}{2}$ c was refused on 150 barrels of this lot, but no higher price is expected. Rosins closed firm with WW, \$8.65; WG, \$7.80; N, \$7.00; M, \$6.75; K, \$6.70; I, \$6.40; B-H, \$6.35. The market was steady. Sales for the week were 1,317 barrels; stocks, 122,523 barrels. Turpentine stocks were 31,469 barrels.

#### GAIN SHOWN IN COTTONSEED PRODUCTS

Establishments engaged primarily in the manufacture or refining of cottonseed oil reported products valued at \$226,387,758, an increase of 4.2 per cent compared with 1921, the last preceding census year, says the Census Bureau. The output of cottonseed oil and its by-products outside the industry proper for the year ended July 31, 1924, from the crop grown in 1923, was \$182,138,000, of which amount \$88,094,000 represents oil; \$59,300,000, cake and meal; \$12,737,000, hulls; and \$22,007,000, linters. The difference between this total and the industry total (\$226,387,758) is due in large measure to the fact that the industry total includes the value of refined cottonseed oil.

Of the 511 establishments, 162 were located in Texas, 52 in North Carolina, 50 in Georgia, 46 in South Carolina, 40 each in Mississippi and Oklahoma, 30 in Alabama, 28 in Arkansas, 21 each in Louisiana and Tennessee, and the remaining 21 in 12 other States. In 1921 the industry was represented by 610 establishments.

American Glue has shown a good increase in sales in all departments, says the Boston News Bureau. Customers on the books today total over 40,000, the largest number in the company's history. Inventories have been kept low notwithstanding the increase in gross sales. Treasury position will show a stronger working capital account at the end of this year than last when "net quick" amounted to nearly \$4,000,000.

Wishnick-Tumpeier Chemical Co. has secured the services of J. L. Biser, formerly of Stresen Reuter & Biser, to manage their paint, varnish and printing ink division in Chicago and the Middle West.

## Chemicals for Consuming Industries

Heavy Chemicals, page 2006, Tan and Dyestuff, page 2033, Fatty Oils, 2031

### HOLIDAY DULLNESS PERVADES CHEMICALS

Practically All Business at a Standstill, Although Some Houses Report Volume Above Average for This Season—Buyers and Sellers Look to 1925—Business Sentiment Optimistic

Outside of a few houses in the chemical business who report a volume of business in excess of the average for past years for this season, the holiday dullness has brought chemical demand to a standstill. Prices are not affected, nor has the underlying strength of the market changed. Everybody is looking to next week, and 1925. General sentiment in chemicals is optimistic for next year, which optimism is merely a reflection of the improved outlook in textiles, rubber, leather, paper, and other industries which experienced a poor 1924. A pick-up in the chemical consuming trades, bigger demand for chemicals, more business, higher prices, better profits,—this is the train of thought among chemical producers and importers alike. At any rate, a well defined upward pressure on chemical prices has been in evidence since Dec. 15, and has not been dissipated by holiday dullness.

### Agricultural Chemicals

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid Sulfuric, 66°.....ton	\$14.00	\$14.00	\$14.00	\$15.00	\$55.00	\$20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.70	2.70	7.75	2.65
Arsenic .....	.06%	.06%	.06%	.14	.18	.04
Copper Sulfate .....	4.70	4.60	4.60	4.60	20.00	4.50
Paris Green .....	.25	.25	.25	.23	.50	.11
Potash Muriate, 90%.....ton	34.55	34.55	34.55	35.55	440.00	48.07
Potash Sulfate, 90%.....ton	45.85	45.85	45.85	45.85	440.00	48.07
Phosphate Rock, 68%.....ton	2.25	2.25	2.25	3.25	11.00	3.00
Phosphate, Acid, 16%.....ton	9.50	9.50	9.00	8.00	21.00	15.00
Sodium Nitrate .....	2.45	2.45	2.40	2.52	5.00	1.90

Average ..... 11.616 11.606 11.547 11.225 103.50 13.84

Business remained at a standstill in practically all quarters with dealers generally marking time until the passing of the holiday period. Prices were steady with a change recorded only in high grade tankage at Chicago. Manufacturers are still mixing fertilizers for the coming season and prices are expected to be announced

shortly. Dealers are in a very optimistic frame of mind regarding the coming year.

**Ammoniates**—Very quiet market reported for the week. Slight demand with a large supply due to large killings at slaughter houses. Dried blood steady at \$3.50 and 10c, New York, and \$360 and 10c, Chicago; steamed bone remains unchanged at \$22@23 in Chicago and \$33 for the raw in New York; dried fish scrap very inactive since the close of the season; steady at \$5.00; acid at \$4.00 and 50c; tankage steady at \$3.40 ground, New York; and \$3.30 for the high grade in Chicago.

**Ammonium Sulfate**—Available supplies continue to find ready outlets at steady prices of \$2.70@2.80, spot, works; double bags continue nominal at \$3.00 per 100 lb.; and single bags are quoted at \$2.90 per 100 lb. at works.

**Phosphate Acid**—Makers continue to report a steady demand at unchanged quotations of \$9.50 per ton for the guaranteed 16% material.

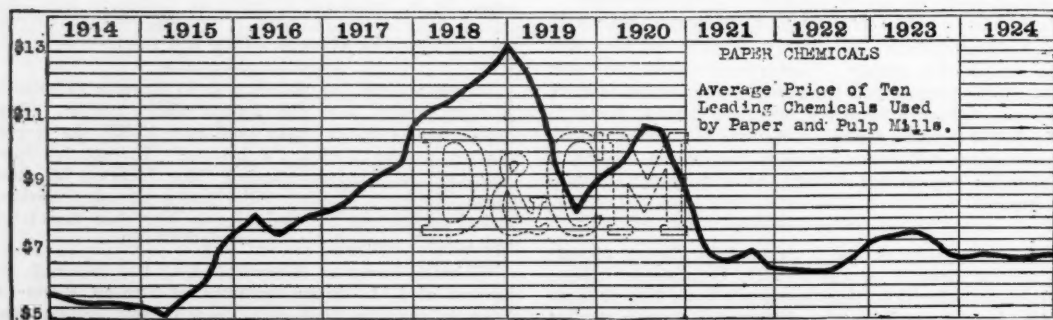
**Potash Salts**—No new developments reported. Factors report deliveries at low point with outlook for the first quarter of the coming year very bright. Dealers generally are marking time, although a contract is being closed here and there owing to prices being guaranteed until April, 1925. Muriate, 80% basis, \$34.55 per ton; sulfate, 90% basis, \$45.85 per ton; manure salts, 30% basis, \$26.00@35.00 per ton; discounts up to 10% allowed on orders of 500 or more tons.

**Sodium Nitrate**—Heavy stocks on hand at ports but an unchanging market. Prices steady at \$2.45 per 100 lb. Future deliveries up to March quoted at \$2.47@ \$2.50.

#### Insecticides and Fungicides

**Arsenicals**—General weakness continues in the market for arsenic. Movement of stocks remains at low point and large spot supplies remain available with actual prices accepted unknown. Spot goods are still named nominally at 6¼c@6½c lb. No change is reported in the Japanese or German markets, and 6c lb. continues to be the price quoted for shipment of both of these products. Large stocks of calcium arsenate in manufacturers hands are showing no signs of moving, and prices continue to be named from 7c lb. up.

**Copper Sulfate**—Prices have been advanced by domestic manufacturers owing to the still higher prices



being quoted on the metal and consequently higher quotations from abroad, which for the past few weeks have been considerably higher than for the domestic material. Makers are now quoting \$4.70@4.85 per 100 lb. in carlots at works, and the lower quotations are not certain to last if a satisfactory demand, such as is anticipated, sets in during the coming year.

### Leather Chemicals

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Ac.c., Acetic, 28% .....	\$3.12	\$3.12	\$3.12	\$3.38	\$17.00	\$1.50
Acid, Formic, 90% .....	.11½	.11½	.12	.12½	1.50½	.07
Acid, Lactic, 22% dark.....	.05½	.05½	.05	.04½	.07	.02
Potassium Bichromate ....	.08¼	.08¼	.08¼	.09½	.65	.06¼
Epsom Salt, tech. ....	1.70	1.70	1.70	1.80	3.75	1.60
Sodium Prussiate, Imp.....	.09¼	.09¼	.09½	.11¼	1.25	.18
Soda Ash, 58% wks.....	1.39	1.38	1.39	1.38	4.10	.69
Sodium Bichromate .....	.06¼	.06¼	.06¼	.07¼	.45	.04¼
Sodium Hyposulfite, pea..	2.50	2.50	2.50	2.75	3.75	1.80
Sodium Sulfide, 60% wks..	.03¼	.03¼	.03¼	.03¼	.10¼	.02¼
Average .....	.926	.925	.925	.980	3.267	.528

Manufacturers report actual deliveries at standstill and are waiting for the passing of the dull period. Prices remained steady in practically all quarters, with bichromates still in an unsettled condition owing to sharp competition. Prussiates continued their upward movement and quotations for imported spot goods and shipments are at present above those of the domestic makers. If a short interest exists abroad as stated, and if exchange continues to reach higher levels, then

a higher market for prussiates seems likely. Cod oil was easier during the week and shipments were available at slightly lower prices.

**Alkalis**—Situation unchanged with manufacturers marking time until the arrival of the new year makes shipments on new contracts possible. Contract prices from makers, soda ash, 58% light, carlots, works, bulk, \$1.25; bags, \$1.38; barrels, \$1.63 per 100 lb. L.c.l. business around New York, \$2.04@2.19 in bags, and \$2.29 @2.44 in barrels. Caustic soda quoted on contract at \$3.10 per 100 lb. in carlots of 76% solid material in large drums at works; ground and flake, \$3.50 on contract; spot works prices 10c per 100 lb. above contract prices. L.c.l. business around New York, \$3.76@3.91 for solid, and \$4.16@4.31 for ground and flake.

**Chemicals**—Market exceptionally steady for this period of the year with price changes reported in very few products. Bichromates remain unsettled and shading of prices to 6c@6¼c lb. for sodium, and 8c@8¼c for potassium are now heard; prussiates are higher owing to higher quotations for shipment and firm holding of spot stocks, and imported sodium yellow is quoted at 9¾c@10½c spot, while domestic is named at 9¾c@10c lb. at works; imported potassium yellow is quoted at 19c@20c lb. spot, and domestic can be had for 19¾c @19c lb. at works; red arsenic is steady at 15c@15½c lb.; sal ammoniac holding at 6c@6¼c lb. for imported, and 7½c lb. for domestic; Glauber's salt unchanged at \$1.15@\$1.65 for domestic as to quantity and packing, imported continues dull at 80c@85c; Epsom salts holding at \$1.35 for imported technical, and \$1.75 for domestic; carbon tetrachloride reported very firm at re-

## THE CLEVELAND-CLIFFS IRON COMPANY CLEVELAND, OHIO

# IRON ACETATE

### DISTRIBUTING WAREHOUSES

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BURLINGTON  
CHICAGO  
ST. LOUIS  
KANSAS CITY  
LOS ANGELES

PLANTS Marquette and Antrim, Mich.

cent levels of 7c@7½c lb.; sodium sulfide steadier at unchanged quotations of 2c@2½c lb. for crystals, and 3c@3½c lb. for solid.

**Tanning Materials**—Prices continue to hold firm at recent quotations in a rather inactive market. Camwood chips continue firm at 9c@13c lb.; divi-divi shaded to \$41@43 per ton; myrobalans, \$48 per ton for J1, R1 and J2 steady at \$40 and \$48 respectively; 11,666 bags of myrobalans were imported at New York last week; sumac advanced to \$180 for the Sicilian, and \$50@53 for the Virginian; 1,400 bags of Sicilian sumac were received at New York last week; valonia cups steady at \$35 for the 31%; Beard at \$52; wattle bark unchanged, \$38.50@40.00 per bag; 4,362 bags were imported at New York last week; extracts holding steady; clarified chestnut increased to 1¾c@2c lb. in tanks; gambier, 14c@16c lb. tanks, works; 2,211 cases were imported at New York last week; logwood steady at 8½c@9c lb.; myrobalans steady at 4½c@5c for the 25% and 8c for the 50%.

#### HAS METHOD TO CONTROL SULFITE PULP

Professor E. Fleury, B.A.Sc., C.E., of the Quebec Provincial School of Papermaking, at Three Rivers, Que., declared in an address before the Society of Chemical Industry, Montreal, that he had discovered a new method of control of sulfite pulp cooking. Up to the present, he said, there have been two methods in vogue, high-pressure and low-pressure, in both of which the actual chemical processes undergone by the wood, bisulphite and steam could not be controlled.

Prof. Fleury claimed that he had perfected a method by which it was possible to tell within three minutes the time of introduction of the mixture into the vats, just what grade of pulp would come out of the digester.

### Paper Chemicals


#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate .....	\$2.00	\$2.00	\$2.40	\$2.40	\$5.50	\$1.50
Bleaching Powder .....	1.90	1.90	1.90	1.25	9.50	1.56
Casein .....	.10½	.10½	.10½	.11	.28	.20
China Clay, Dom. ....	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c/l Cyl. ....	.05½	.05½	.05½	.05½	.50	.08
Salt Cake .....	19.00	19.00	19.00	21.00	80.00	11.00
Sodium Silicate, 40% ..	.80	.80	.80	.80	1.75	2.00
Soda Ash, 58% wks.....	1.38	1.38	1.38	1.38	4.10	.69
Sulfur .....	18.00	18.00	18.00	18.00	65.00	20.00
Rosin F grade .....	7.65	7.65	7.55	5.70	4.50	20.25

Average ..... 6.089 6.089 6.119 6.070 13.30 5.50

Continuance of a dull spot market was reported by factors over the week and forward business was the main concern in all quarters. Supplies were plentiful but prices remained steady with a large volume of business anticipated for the coming year. Consumers are said to be unwilling to submit themselves to contracts in some cases until after their inventory is complete.

**Alkalis**—Situation unchanged with manufacturers marking time until the arrival of the new year makes shipments on new contracts possible. Contract prices from makers, soda ash, 58% light, carlots, works, bulk, \$1.25; bags, \$1.38; barrels, \$1.63 per 100 lb. L.c.l. business around New York, \$2.04@2.19 in bags, and \$2.29 @2.44 in barrels. Caustic soda quoted on contract at \$3.10 per 100 lb. in carlots of 76% solid material in large drums at works; ground and flake, \$3.50 on con-



## VICTOR CHEMICAL WORKS

### CHICAGO, ILL.


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# Tri-Sodium Phosphate

PHOSPHATE OF SODA  
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AMMONIUM PHOSPHATE  
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## CHLORIDE OF LIME AUSTIC SODA HLORINE PRODUCTS

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Manufacturers, Importers, Exporters of  
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Philadelphia  
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Cleveland  
Gloversville, N. Y.

FACTORIES:

Niagara Falls, N. Y.  
Jersey City, N. J.  
Murfreesboro, Ill.  
Owego, N. Y.



tract; spot works prices 10c per 100 lb. above contract prices. L.c.l. business around New York, \$3.76@3.91 for solid, and \$4.16@4.31 for ground and flake.

**Bleaches**—Manufacturers report 1924 contract deliveries ended and contracts for 1925 closed in satisfactory proportions. Shipments are expected to reach a large volume about the middle of January. Prices quoted on contract remain for bleaching powder, \$1.90 for carlots of large drums at works; less than carlots, \$2.05; small drums, 25c higher; spot works prices 10c above contract levels. Liquid chlorine, on contract, 4c lb. in tanks at works; carlots of cylinders, 5½c lb.; less than carlots and more than a ton, 7c lb.; less than a ton, 8c lb.; spot works price ¼c lb. above contract prices.

**Chemicals**—Market remained steady despite a very quiet condition, and no price changes were recorded. Salt cake remained firm at \$18@19 per ton; aluminum sulfate steady at recently higher levels of \$2.00 per 100 lb. for the iron-free material, and \$1.40 for the commercial in carlots of bags at works; blanc fixe holds at \$75@80 per ton; sodium silicate unchanged, 75c per 100 lb. in tanks; tin crystals still quoted at 38½c@39c lb. with an advance anticipated for January owing to the higher market for the metal.

**Sizings**—Casein holding steady at 10c@10½c lb. for the standard material. Rosins continue firm and higher levels were reached in all grades except B, D, E, F and I, which were unchanged. Quotations for grades B, D, E and F, \$7.65 per 280 lb.; G and H, \$7.70; I, \$7.75; K, \$7.90; M, \$8.00; N, \$8.25; WG, \$9.05; WW, \$9.90.

## Rubber Chemicals

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony Sulfide Crim....	\$3.39	\$3.39	\$3.39	\$3.35	\$4.5	\$3.35
Carbon Bisulfide .....	.06	.06	.06	.06	.50	.10
Carbon Black .....	.10	.10	.12	.15	.30	.14
China Clay, Imp.....	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene .....	.82½	.82½	.82½	.97	1.35	..
Iron Oxide, Span. ....	.08	.08	.08½	.04	.04½	.05
Lithopone .....	.06½	.06½	.06½	.06	.08	.04
Sulfur .....	3.05	3.05	3.05	2.50	6.50	2.75
Whiting, Dom. ....	14.00	14.00	14.00	18.00	30.00	11.00
Zinc Oxide, Amer. ....	.08	.08	.08½	.07	.09½	.09
Average .....	3.459	3.459	3.464	3.820	5.931	..

Rubber chemicals have been in small demand during the week. Firmness in talc, imported barytes, and litharge still feature an otherwise dull market. The advance in litharge is the second one in ten days. Diphenylguanidine is steady and nothing less than \$1.10 per pound is quoted, excepting on contract, with \$1.08 per pound named.

**Acid**—Acetic is unchanged at \$3.12@3.37 cwt. for 28 per cent; \$5.85@6.10 for 56 per cent; \$8.19@8.44 for 80 per cent, commercial; and \$11.00@11.75 for glacial material.

**Accelerators**—Demand routine and prices firm at 16c @17c lb. works for aniline oil, and 17c@18c lb. on spot. Diphenylguanidine is firm at \$1.10@1.15 lb. spot, and contracts at \$1.08 lb. Hexamethylene is in fair demand at 82½c@85c lb. spot as to quantity. Litharge has advanced again and now quoted at 12¼@12½c lb.

# HF & G

## Antimony Oxide

The HARSHAW, FULLER  
& GOODWIN CO.

Hanna Building, Cleveland

New York  
Philadelphia  
Chicago

Cincinnati  
St. Louis  
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**COLUMBIA BRAND**

Columbia Chemical Division,  
Pittsburg Plate Glass Co., Barberton, Ohio

## Caustic Soda

All Tests

## Soda Ash

Dense-Light  
Granular if Desired

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The Isaac Winkler & Bro. Co.

50 BROAD STREET  
NEW YORK

FIRST NAT'L BANK BLDG.  
CINCINNATI

spot as to quantity due to higher lead prices. Quinoidine is easy at 40c lb. spot in drums. Thiocarbanilide is quoted firm at 28c@30c lb. in a small way, and 27c lb. for 10 barrel lots.

**Colors and Compounding Materials**—A few firm items are noted, but the general line is quiet. Antimony sulfurette is steady at 19c@24c lb. spot for golden, and 39c@50c lb. for crimson material. Blanc fixe is quiet at 4c@4½c lb. f.o.b. New York. Carbon black prices are firm at 10c@11c lb. spot for ordinary in cases in l.c.l.; 11c@12c lb. for air floated; 10c@11c lb. for compressed; and 6c lb. works in c.l. Magnesium carbonate is quoted at 7½c@8c lb. spot, and calcined at 5½c@6c lb. Talc is firm and active at \$15@\$16 ton works or \$25@\$26 ton ex-warehouse for domestic; French, \$40@45; and Italian, \$60@\$80. Imported white barytes is active at \$30@\$32 ton spot, and domestic at \$23@\$24 ton works. Whiting is in fair demand at \$13@\$14 ton for domestic, and \$18@\$19 ton for imported material.

**Mineral Rubber**—In small demand at \$35@\$75 ton as to quality.

**Solvents**—C. P. acetone has declined to 12c@14c lb. works in c.l. Benzene is still firm at 25c gal. works in tanks for pure, and 30c gal. in drums. Ninety per cent is named at 23c gal. in tanks, and 28c gal. in drums. Carbon bisulfide is firm at 6c@6½c lb. spot as to quantity. Carbon tetrachloride is firm and tending higher at 7¼c@7½c lb. spot as to quantity.

**Sulfur**—Demand steady and price firm with possibility of higher prices in the near future, according to one of the leading sulfur companies. Quoted at \$3.00@\$3.50 cwt. for best quality, and \$2.00@\$2.50 for commercial quality. Sulfur chloride is firm at 6c@7c lb. spot as to quantity for red, and 5c@6c lb. for yellow material.

## Textile Chemicals

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28% .....	\$3.12	\$3.12	\$3.12	\$3.38	\$17.00	\$1.50
Acid Oxalic .....	.09½	.09½	.09½	.12	.70	.07½
Bleaching Powder .....	1.90	1.90	1.90	1.25	9.60	1.50
Copper Sulfate .....	4.70	4.65	4.65	4.60	20.00	4.50
Epsom Salt, U.S.P. ....	2.15	2.15	2.15	2.15	4.25	1.80
Glauber's Salt .....	1.25	1.25	1.25	1.30	2.80	.80
Potash, Caustic, Imp. ....	.07½	.07½	.07½	.07	.37	.12
Soda Ash, 58% wks. ....	1.38	1.38	1.38	1.38	1.10	.60
Soda Caustic, 76% wks. ...	3.10	3.10	3.10	3.10	9.50	1.80
Sodium Bichromate .....	.06¼	.06¼	.06¼	.07½	.45	.04½

Average ..... 1.788 1.783 1.783 1.742 4.800 1.42

Factors report deliveries for 1924 completed and forward business good. Prices remained steady although large supplies were available and the market was quiet. Copper sulfate finally was advanced by makers owing to the steadily advancing quotations from abroad, although sharp competition still holds domestic prices at comparatively low levels. Further advances are anticipated if the volume of orders shows much improvement. Carbon tetrachloride continues steady, and acetic acid is holding firm, although higher prices are unlikely for January at least.

**Acids**—Prices remain at recent levels with no changes anticipated at the present time. Acetic acid holding steady with manufacturers quoting \$3.12@\$3.37 as to quantity for 28%; \$5.85@\$6.10 for 56%; and \$11.01@\$11.76 for glacial; formic acid unchanged at 10½c@11c lb. as to quantity; lactic acid moving in fair volume at recent quotations for 22%, 5½c@6c lb. for dark, and 6½c@7c lb. for light; 44%, 11½c@12c lb. for dark, and



# Aero Brand

## Yellow Prussiate of Soda

### Yellow Prussiate of Potash

A new method of production ensures the highest purity, in small crystals as well as large.

Raw materials, all of our own manufacture, and large production capacity, guarantee a dependable source of supply, at favorable prices.

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Henry W. Peabody & Co., 17 State St., New York	Cable Address: Blagdenite, London



13½¢@14¢ lb. for light; oxalic acid is reported firmer at 9½¢@10¢ lb. owing to elimination of weak holders.

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**Starches and Dextrines**—Market very firm at unchanged quotations and manufacturers generally are dictating their own terms. Advances are forecast for the first part of the coming year due to the higher grain markets. White corn dextrine holding at \$4.52@4.62, and yellow unchanged at \$4.57@4.67; powdered corn starch firm at \$3.97@4.07; corn dextrine unchanged at \$4.52@4.62; British gum, \$4.82@4.92; potato dextrine, 8¢@8½¢ lb. for white, and 7½¢ lb. for yellow.

Du Pont Fibresilk Co., a subsidiary of E. I. du Pont de Nemours & Co., has started construction on the second unit of its plant for making artificial silk at Old Hickory, Tenn. The total investment for the two units will be \$4,000,000 and the annual capacity 3,000,000 pounds of artificial silk.

Botany Consolidated Mills is offering 40,000 shares of stock at \$48. It is announced that the company is acquiring half interest in two German textile manufacturing groups, Kamgarntspinnerei-Stohr & Co. and A. G. Eberfelder Textilwerke, A.G.

National Fabric and Finishing Co. has been formed, merging Lowell Bleachery, Farnsworth Hoyt & Co., W. H. Holbrook Co., Kellman-Newcomb Co., W. A. Lippincott & Co. and Selser Ballantyne Co. under one general organization.

Freeport Texas Co. has issued a denial of a recent report that practical control of sulfur for the next year will be in the hands of Texas Gulf Sulfur Co. The Freeport Co. claims that their contracts for 1925 exceed those for 1924.

Wilton E. Drake, founder and president of Orient Spray Co., manufacturers of insecticides and distributors of liquid soap, died at the Massachusetts General Hospital, Dec. 5. He was 58.

Doe & Ingalls, Inc., held their first annual get-together for the officers and force at Young's Hotel, Boston, on Dec. 27. Entertainment was furnished by the employees.

Associated Laboratories Co., Cleveland, has filed a voluntary petition in bankruptcy, listing liabilities at \$11,414.90 and assets \$10,303.07.

## VALUE FERTILIZER OUTPUT AT \$183,088,751

Plants making fertilizers in 1923 reported products valued at \$183,088,751, an increase of 1.5 per cent compared with 1921, the last preceding census year. The total for 1923 was made up of 7,237,164 tons of fertilizers, valued at \$167,347,351, and other products, such as fish scrap, oil, grease, bone black, glue, sulfuric acid, and miscellaneous chemicals, to the value of \$15,741,400, according to the Census Bureau.

Of the 573 establishments reporting for 1923, 122 were located in Georgia, 64 in North Carolina, 51 in Virginia, 48 each in Maryland and South Carolina, 38 in Alabama, 28 in Pennsylvania, 22 in Ohio, 17 each in Florida and New Jersey, 13 in Illinois, 12 in California, 11 in Indiana, 10 in Tennessee, and the remaining 72 in 21 other States. In 1921 the industry was represented by 588 establishments, the decrease to 573 in 1923 being the net result of the loss of 89 establishments which had been included for 1921 and the addition of 74 new establishments.

The Southern District (the region lying south of the northern boundaries of North Carolina, Tennessee, Arkansas, and Oklahoma, and comprising in addition to the four States named, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Texas) reported for 1923, 320 establishments with a total production of 3,665,153 tons of fertilizers, or 50.6 per cent of the total for the industry.

Promissory notes secured by calcium arsenate stored in warehouses pending its sale, are technically acceptable for re-discount under the Federal Reserve System, according to Governor Crissinger of the Federal Reserve Board in answer to a query from Senator George of Georgia. Governor Crissinger points out that the nature of the transaction involved rather than the nature of the collateral, determines the acceptability of the notes.

Anaconda Copper Mining Co. resumed payments of quarterly dividends of 75¢ a share to stockholders of record on Jan. 17 to be paid on Feb. 16. This is taken to mean that the stock is again on the \$3 basis which was suspended earlier in the year.

Corn Products Refining Co. has declared regular quarterly dividends of 50 cents on common and \$1.75 on preferred stocks. Common dividend is payable Jan. 20 and preferred Jan. 15, both to stock of record Jan. 5.

American Can has declared an extra dividend of \$2 in addition to the regular quarterly dividend of 1¼ per cent on their common stock to be paid Feb. 16, to shareholders of record Jan. 31.

Atlas Powder Co. has declared a quarterly dividend of 1½ per cent on the preferred stock, payable Feb. 2 to holders of record Jan. 20.

Pennsylvania Salt Manufacturing Co. has declared the usual quarterly dividend of 2½%, payable Jan. 15 to stock of record Dec. 31.

United Drug Co.'s \$12,500,000 twenty year 6 per cent gold bonds have been admitted for trading on the New York Stock Exchange.

National Fabric and Finishing Co. is offering \$1,200,000 stock consisting of 7 per cent cumulative preferred shares at \$100 a share.

Barnsdall Corp. reports that the present year's operations will close with net earnings of \$1,250,000 as against \$181,848 for last year.



NOVEMBER DYE IMPORTS  
(Continued from Page 1986)

Schultz No.	Dye & Maker	Quantity Pounds	Schultz No.	Dye & Maker	Quantity Pounds
274	Diaminogen	100	820	Algal brilliant violet R (s.s.)	943
279	Diazo indigo blue 2RL-c-By	255		Vat brilliant violet R paste-By...	
	Benzo fast scarlet GS-c-By			Vat brilliant violet RK paste-By...	
	Benzo fast scarlet SBS-By		821	Algal brilliant violet 2B (s.s.)	800
284	Bismark brown 2R	50		Vat brilliant violet BBK pdr.-nc-By	
	Vesuvino BL-B		822	Algal brilliant orange FR	800
	Vesuvino BL-B			Vat orange RRR paste-nc-By...	
286	Toluyene yellow	1	827	Indanthrene claret B ex. (s.s.)	264
	Oxydianiline yellow CR-nc-C			Antra bordeaux R pdr.-B	
293	Milling red	1,102	828	Indanthrene claret B	220
	Acid milling red G conc-G			Vat bordeaux B paste-B	
296	Cotton yellow	861	829	Algal bordeaux 3B (s.s.)	18
	Benzo fast yellow RL-c-By			Algal bordeaux 3B pdr.-By	
319	Diamine scarlet	700	831	Indanthrene red BN	5,404
	Diamine brilliant bordeaux R-C			Duranthrene red BN paste-nc-BD	
	Diamine scarlet 3B-C			Helindone red IBN ex. paste-M	
326	Oxy diamine violet BF-nc-C	1		Helindone red IRK paste-M	
	Benzo fast red	200		Vat red RK paste-nc-B	
339	Brilliant orange G	1,000		Vat red RK pdr.-B	
	Diamine orange B-nc-C		832	Indanthrene violet RN (s.s.)	6,042
344	Diamine brown	100		Helindone violet IBN paste-M	
	Cutch brown 2R conc-S			Vat violet BN paste-B	
348	Diphenyl brown BN	1,102		Vat violet BN extra paste-B	
	Diphenyl brown GS-G		833	Algal olive R (s.s.)	1,600
353	Diphenyl red	1,393		Vat olive R pdr.-B	
	Acetopurpurine 3B-A			Vat olive R pdr.-nc-By	
	Chloramine red 8BS-By		838	Indanthrene blue RS (s.s.)	1,200
	Toluyene blue 3B-E			Ind. blue RS triple pdr.-B	
363	Benzo purpurine 4B	500	839	Algal blue K (s.s.)	800
	Cotton red 4BX-B			Vat blue RK pdr.-By	
364	Diazo brilliant black	221	842	Indanthrene blue GCD (s.s.)	18,626
	Diazo brilliant black B-nc-By			Vat blue GCD paste fine-B	
392	Toluyene orange	6,225		Vat blue GCD dbl. paste-B	
	Direct fast orange K-I			Vat blue GCD dbl. paste fine-B	
	Pyrazol orange G conc-nc-S		849	Indanthrene yellow (s.s.)	4,518
	Toluyene fast orange GL-nc-By			Vat yellow G dbl. paste-B	
400	Acid anthracene red	200		Vat yellow G pdr.-B	
	Acid anthracene red 3B-c-By		850	Indanthrene blue WB pdr.-B	200
424	Chicago blue 6B	200		Alizarin direct blue B	850
	Diamine sky blue FF-C			Alizarin direct blue B-M	
428	Diamine bronze G-C	25		Alizarin levelling blue B-C	
449	Trisulphon brown B	2,069	852	Alizarin isol R pdr.-nc-By	200
	Trisulphon brown B conc-S		854	Alizarin viridine	1,633
456	Benzo fast blue	641		Alizarin viridine FF-nc-By	
	Benzo fast blue 2GL-By		855	Alizarin pure blue	4,998
	Benzo fast blue 4GL-nc-By			Alizarin sky blue B pdr.-By	
462	Direct deep black	25	856	Alizarin astrol	363
	Cotton black RK high. conc-B			Alizarin blue AS-By	
463	Erio direct black	25	858	Alizarin saphirol B	5,113
	Cotton black E 3GO conc-B			Alizarin light blue B-c-S	
476	Benzaniline brown 3GO	662		Alizarin light blue SE conc-c-S	
	Oxy diamine brown KRS-nc-C			Alizarin saphire blue B-Q	
494	Cupranil brown G-I	110	862	Alizarin blue black	2,267
	Auramine G			Alizarin blue black B pdr.-M	
503	Neptune green	1,151		Alizarin blue black B conc-Q	
	Brilliant milling green B			Alizarin blue black 3B pdr.-By	
	Brilliant acid green 6B-c-By		865	Alizarin direct green G	1,681
504	Erio viridine B supra-G	250		Alizarin cyanine green G extra pdr.-nc-By	
	Light green bluish			Alizarin cyanine green 3G pdr.-nc-By	
515	Methyl violet	400	867	Indanthrene brown (s.s.)	2,656
	Acid green extra conc-c-C			Antra brown B pdr.-B	
516	Methyl violet NFB-B	555	870	Algal corinth R	100
	Crystal violet			Vat corinth RK paste-nc-By	
	Crystal violet extra pdr.-B		871	Indanthrene red violet RRN	758
523	Fast green extra bluish-By	744		Vat red violet RRR paste fine-B	
	Patent blue R-I		876	Indigo white	220
543	Patent blue V-M	3,876		Indigosol O-nc-DH	
	Patent blue V-M		885	Brilliant indigo BD	398
548	Patent blue A	948		Brilliant indigo B paste-B	
	Acid blue A-M		894	Alizarin indigo B	1,000
	Brilliant acid blue A-c-By			Alizarin indigo green B paste-nc-By	
546	Cyanol	200		Ciba violet B (s.s.)	12,120
	Cyanol extra-C			Ciba violet R pdr.-I	
548	Acid violet 6BN	300	904	Helindone brown G (s.s.)	175
	Acid violet GBNNO-B			Helindone brown G pdr.-M	
551	Erio chrome azurol BC	2,866	907	Ciba scarlet	7,950
	Chromaxane brilliant blue G-By			Helindone fast scarlet C paste-M	3,000
558	Victoria blue R-I	220		Vat fast scarlet C paste-M	600
559	Victoria blue B	870		Thioindigo scarlet 2G paste-K	110
	Victoria blue B-B		908	Ciba red R paste-I	2,204
	Victoria pure blue BO-B		910	Helindone pink	3,055
560	Night blue-B	200		Antra pink AN paste-B	
562	Fast acid blue	99		Helindone pink BN paste-M	
	Brilliant wool blue FFR ex-By			Vat pink AN paste-B	
564	Naphthalene green	1,051		Vat pink BN paste-M	
	Erio green B supra-G		911	Ciba orange G Paste-I	551
	Xylene fast green B-c-S			Thioindigo red B	661
568	Acid blue B	200		Ciba pink B paste-I	
	Wool blue 5B-A		913	Helindone orange R (s.s.)	3,816
566	Wool green S-Q	550		Hydron orange RF paste-nc-C	
570	Rhodamine S-M	25		Hydron orange RF pdr.-C	
	Rosazine S-M		915	Helindone fast scarlet R	1,230
571	Rhodamine 6G (single strength)	11,865		Helindone fast scarlet R pdr.-M	
	Rhodamine 6G extra-I		918	Helindone red 3B	4,851
	Rhodamine 6GDN extra-nc-By			Helindone red 3B paste-M	
	Rosazine 6GD extra-M			Helindone red 3B pdr.-M	
573	Rhodamine B (single strength)	17,220			

(Continued on Page 2001)



NOVEMBER DYE IMPORTS

(Continued from Page 2000)

Schultz	Dye & Maker	Quantity Pounds
	Vat red violet RH paste-B	
	Vat red 3B pdr.-B	
No.	Dye & Maker	Pounds
920	Helindone violet B (s.s.)	775
	Helindone violet B pdr.-M	
923	Ursol	200
	Fur gray ALA-A	

UNIDENTIFIED DYES

Acid Dyes

Dye & Maker	Quantity Pounds
Acid blue BBX-B	10
Acid pure blue R supra-G	550
Alizarin direct blue A-M	1,000
Alizarin direct violet E2B-M	1,000
Alizarin fast gray 2 BL pdr.-nc-By	298
Alizarin geranole B pdr.-By	992
Alizarin rubinol	885
Alizarin rubinol 3 G-nc-By	
Alizarin rubinol GW-nc-By	
Cloth fast yellow G-I	1,103
Erio fast fuchsin BBL-G	551
Fast acid green BB extra-M	500
Guinea fast red 2 R-A	400
Ink blue BITENOO-GrE	110
Kiton fast red 4 BL-nc-I	220
Milling orange G-A	125
Neolan blue 2 G conc.-I	220
Onis (anthosine) 3 B-B	277
Polar orange R conc.-G	551
Poseidon green VGG-B	1
Sulpho rosazene G pdr.-M	100
Sulphon orange G-nc-By	100
Sulphon yellow G extra-A	60
Supramine red 3 B-By	106
Wool fast blue BL-By	528
Wool violet RC-G	55
Xylene milling orange R conc.-S	500

Vat Dyes

Algol brilliant pink FB paste-nc-By	400
Algol brown G (s.s.)	1,320
Vat brown G pdr.-nc-By	
Anthra scarlet B paste, G paste-B	2
Anthra wool red CB solution-B	4
Anthra wool red CR vat solid-B	2
Brilliant indigo 4 BG paste-B	1,724
Ciba pink BG (s.s.)	7,717
Ciba pink BG paste-I	
Ciba printing black B paste-I	1,102
Ciba red 3 B paste-I	220
Cibanone blue 2 G pdr.-I	220
Cibanone brown R paste-I	1,102
Cibanone orange 3R, 6R pdr.-I	220
Cibanone red G pdr.-I	441
Duranol orange G paste-nc-BD	125
Duranol orange G paste-nc-BD	125
Duranol red BB, G paste-nc-BD	250
Helindone fast scarlet B, G paste-M	500
Helindone golden orange DIG dbl. paste (s.s.)-M	800
Helindone pink B extra pdr.-M	200
Helindone printing black IBR paste-M	10
Helindone printing black RD paste-M	500
Helindone red DIBN extra paste-M	367
Hydron black B pdr. (s.s.)-nc-C	3
Hydron brown (s.s.)	7,973
Hydron brown G paste-nc-C	
Hydron brown G pdr.-nc-C	
Hydron brown R paste-nc-C	
Hydron brown R pdr.-C	
Hydron green G paste-C	500
Hydron navy blue C paste-C	100
Hydron pink FF paste-C	660
Hydron scarlet (s.s.)	1,102
Hydron scarlet 2 B pdr.-nc-C	
Hydron scarlet 3 B paste-C	
Hydron sky blue FK paste-nc-C	500
Hydron yellow NF paste-C	500
Indanthrene blue BCD-B	1,940
Indanthrene blue RZ (s.s.)-B	862
Indanthrene brilliant blue R paste-B	400
Indanthrene brown	3,402
Helindone brown IG paste-M	
Helindone brown IGG paste-M	
Helindone brown IGR paste-M	
Helindone brown IR paste-M	
Vat brown 3 R paste-nc-B	
Indanthrene golden orange 3R paste-B	1,458
Indanthrene green (s.s.)	1,100
Helindone green IGG dbl. paste-M	
Vat green GG dbl. paste-B	
Indanthrene pink (s.s.)	4,494
Anthra pink R extra pdr.-B	
Helindone pink IB dbl. paste-M	
Vat pink B dbl. paste fine-B	
Indanthrene red	300
Helindone red IGG paste-M	
Vat red G pdr.-B	
Vat blue GCDN pdr.-B	1
Vat gray RRR paste fine-B	100
Vat orange 14R pdr.-M	110

Dye & Maker	Quantity Pounds
Vat violet R extra paste-B	1
Vat violet R extra pdr. (s.s.)-B	2
Vat violet No. 162 for lakes-Q	2,695

Mordant and Chrome Dyes

Acid alizarin gray G-M	1,500
Alizarin blue WS-By	465
Alizarin heliotrope R paste-By	11
Alizarin light green GS conc.-S	500
Alizarin red B G RR paste-Q	100
Alizarin red PS pdr.-M	500
Autochrome olive brown G conc.-M	10
Brilliant chrome blue 2 B-nc-DH	220
Brilliant chrome violet 3 R-nc-DH	110
Chrome azurine G	661
Chrome azurine G-nc-DH	
Chrome azurine DN-nc-DH	
Chrome fast yellow 5 RP-A	5
Chrome printing blue G pdr.-By	93
Chrome printing red B-DH	110
Chromorhodine	880
Chromorhodine BR-nc-DH	
Chromorhodine 6 GN extra-DH	
Chromoxane brilliant violet SB-By	5
Eriochrome green 5 G conc.-G	110
Eriochrome green L-G	331
Erio chrome red G-G	551
Metachrome black 2 BX-nc-A	2,000
Metachrome brilliant blue 8 RL-A	100
Metachrome olive brown G-A	500
Metachrome violet 2 R-A	100
Modern gray KCN-DH	220
Modern green N-nc-DH	110
Omega chrome brown G conc., PB conc.-nc-S	7,340

Direct Dyes

Azonine SF-C	105
Azocine direct blue B paste-C	205
Azonine direct red G paste-C	105
Azonine direct yellow RR paste-C	205
Benzo bronze E-By	100
Benzo dark brown extra-nc-By	200
Benzo fast black I-nc-By	400
Benzo fast brown 3 GL-By	992
Benzo fast orange 2 RL-nc-By	500
Benzo fast rubine BL-nc-By	111
Benzo red 12 B-By	267
Benzo rhoduline red 3 B-By	1,000
Brilliant pure yellow 6 G ex.-nc-By	211
Brilliant sky blue 8 G extra-nc-By	290
Chloramine light gray B conc.-nc-S	500
Chlorantine fast blue 2 GL-I	110
Chlorantine fast brown 3 GL-I	6,614
Chlorantine fast brown RL-I	5,511
Chlorantine fast green B-I	3,747
Chlorantine fast violet 4 BLN 2RL-I	2,204
Chlorantine fast yellow 4GL-I	200
Chlorazol brown RD-nc-BD	500
Chlorazol fast brown RK-nc-BD	500
Columbia red OGB-A	210
Cupranil brown R-I	110
Developed brilliant green 3G-By	220
Developed green 3G-By	441
Developed indigo blue 4 GL-By	597
Developed light yellow 2 G-nc-By	165
Developed yellow 2 G-By	441
Developing black	845
Developing black B-C	
Developing black ED-C	
Developing black EFN-C	
Developing black OB, OT-C	
Developing blue 2 R-A	600
Diamine brilliant scarlet G-nc-C	500
Diamine fast gray BN-C	50
Diamine fast orange ER-C	500
Diamine fast rubine FB-nc-C	500
Diazo brilliant green-By	1,100
Diazo brilliant orange 5G ex.-nc-By	100
Diazo brilliant scarlet	2,431
Diazo brilliant scarlet 2 BL ex. conc.-nc-By	
Diazo brilliant scarlet 6 B extra-C-By	
Diazo brown 3 G, 3 RB-nc-By	748
Diazo fast blue 4 RW, 6 GW-By	661
Diazo fast red 3 B-By	55
Diazo fast violet BL, 3 RL-nc-By	578
Diazo fast yellow G-nc-By	700
Diazo sky blue 3 G, 3 GL-nc-By	359
Diazo yellow R-nc-By	100
Direct cutch brown GR-I	1,763
Fast cotton rubine-A	5
Ionamine, A P, H, L, M, A-nc-BD	50
Ionamine red, GA, KA-nc-BD	20
Naphthamine fast brown BL conc.K	200
Minaxo brilliant light violet B, RR-B	500
Minaxo light black EB-B	500
Minaxo light pink BBX-B	300
Oxydianiline brown G, 3GN, RN-nc-C	21
Pvrazol orange R conc.-S	100
Rosaniline orange R-I	991
Rosaniline violet 5R-I	110
Sky blue N-C	300

Dye & Maker	Quantity Pounds
Rapid fast dyes	725
Rapid fast bordeaux B paste-GrE	
Rapid fast orange RG paste-GrE	
Rapid fast red B paste-GrE	
Rapid fast red BB paste-GrE	
Rapid fast red GL paste-GrE	
Rapid fast red 3 GL paste-GrE	
Rapid fast red GZ paste-GrE	
Rapid fast yellow G paste-GrE	

Sulphur Dyes

Cross Dye green B-nc-BD	6,810
Cross dye green 2G-c-BD	2,270
Kurgan indigo blue B-B	1
Sulphide new blue BL JL conc.-M	20
Sulphide violet V-M	100
Sulphur black TBF-A	3,000
Sulphur brown CLAR-A	3,000
Thional brilliant blue 6 BS conc-nc-S	2,000

Basic Dyes

Brilliant acridine orange 5R-DH	220
Chrysoidine BL base-B	25

Spirit Soluble and Color Lake Dyes

Autol orange FLX-B	1
Helio bordeaux BL paste-nc-By	500
Helio bordeaux BL pdr.-By	200
Lithol fast yellow 10 G lumps-B	1
Lithol fast yellow 10 GL paste-B	1
Oil red G paste-Q	100
Tero black FB-B	100

Unclassified Dyes

Sorrel red X-B	500
All other dyes-Q	125

Color Lakes of Coal-Tar Origin

Name of Lake	Quantity Pounds
Alizarin madder lake	803
Crimson toner	108
Fuchsin lake	122
Vermilion lake	21

Synthetic Aromatic Chemicals of Coal-Tar Origin

Name of Chemical	Quantity Pounds
Amyl salicylate	183
Anisic aldehyde-c	90
Benzaldehyde (free from chlorine)-c	10
Benzenophenone-nc	112
Benzyol acetate-c	3,514
Benzyol alcohol-c	120
Benzyol benzoate-c	1,213
Benzyol propionate-c	15
Bromostyrol-c	10
Coumarin	60
Coumarin extra A-c	18
Dimethylhydroquinone-nc	1
Ethylphenyl acetate-c	5
Gardalen-c	77
Heliotropine crystals-c	600
Hyalcinth absolute-c	165
Methyl acetophenone-c	100
Methyl anthranilate-c	296
Methyl benzoate-c	25
Methyl methylantranilate-c	35
Methyl p-cresol-c	10
Methylphenyl glycidic ether-nc	1
Methylnoylacetalddehyde	8 oz.
Methylphenyl acetate-c	25
Musk artificial-nc	10
Musk ambrette-nc	1,879
Musk ketone-nc	668
Musk xylene-nc	950
Neroline (b-naphthol ethyl ether)-c	110
Oleo musk	110
Paracresol methylester-c	10
Phenylacetic acid-c	25
Phenylacetalddehyde-c	842
Phenylethyl alcohol-c	642
Phenylethyl phenylacetate-c	9 oz.
Phenylethyl propionate-c	25
Phenylpropyl aldehyde-c	5
Toncarine-nc	20
Vanillin	11

Medicines, Photographic Developers, Intermediates and Other Coal-Tar Chemicals

Name of Chemical	Quantity Pounds
Accelerator	220
Amidol	12
Amidopyrazoline	1,008
Anthrapyridone	1,001
Antifebrin-c	
Antipyrine-nc	1,781
Azole developer ON	25
2 Benzidine reagent	440
Beta naphthol benzoate	100
Creosote carbonate	557,800
Dresylic acid	220
Decaline	200
Developer B-nc	200
Developer ON	105

(Continued on Page 2013)

## QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending Dec. 27

	Bid	Asked		Bid	Asked
*Air Reduction .....	89	89½	Hercules Powder .....	88	92
*Allied Chem. & D. ....	83½	84	Hercules Powd., pf. ....	103	105
*Allied Ch. & D., pf. ....	117½	118½	Heyden Chem. ....	2½	3
*Am. Ag. Ch. ....	13½	14	Hooker Electro .....	2	3
*Am. Ag. Ch., pf. ....	38½	39½	Hooker Electro, pf. ....	18	23
*Am. Chicle .....	37	—	*Household Products. ....	35	35½
*Am. Chicle, pf. ....	94	—	*Int. Agricult. ....	34	34½
*Am. Cyan. ....	91	95	*Int. Agricult., new. ....	6½	6½
*Am. Cyan., pf. ....	76	78	*Int. Agricult., pf. ....	94	104
*Am. Druggist, S. ....	5½	5½	*Int. Nickel .....	26½	26½
*Am. Glue .....	41	41	*Int. Nickel, pf. ....	38	38
*Am. Glue, pf. ....	104	108	*Int. Salt .....	72	77
*Am. Linseed .....	26½	27	*Mathieson Alk. ....	54	55
*Am. Linseed, pf. ....	45	46	*Mathieson Alk., pf. ....	94½	100
*Am. Metal .....	52	52½	MacAnd. & Forbes. ....	149	150
*Am. Zinc .....	11½	11½	MacAndrews & Forbes, pf. ....	99	101
*Am. Zinc, pf. ....	34½	35½	Merck & Co., pf. ....	57	60
Archer-Dan-Mid .....	23	23½	Merrimac .....	84	86
Archer-Dan-Mid., pf. ....	87½	89	Mulford Co. ....	30	33
*Atlas Powder .....	50	52	*National Lead .....	160½	161½
*Atlas Powd., pf. ....	50½	94	*National Lead, pf. ....	116	117
By-Prod. Co., pf. ....	102	47	N. J. Zinc .....	160	164
Canad. Ind. Al. ....	42	44	Niag A., pf. ....	80	85
Canad. Salt .....	95	100	Parke, Davis & Co. ....	80½	81
Casolin Co. ....	62	66	Penn Salt .....	80	82
Celluloid Co. ....	55	60	*Peoples Gas, Chi. ....	114½	115
Celluloid Co., pf. ....	86	90	Procter & Gamble. ....	100	103
Charcoal Iron .....	20	35	Procter & Gam., pf. ....	104	108
Ches. Mfg. ....	47	49	Royal Bkg. Pow. ....	145	150
Ches. Mfg., pf. ....	112	115	Royal Bkg. Pow., pf. ....	98½	100
Clark Co., Fred .....	2	3½	Shawinigan .....	4	6
Cleve. Cliffs Iron. ....	75	—	Shawinigan H. ....	130	132
*Com'l Solv. A. ....	114	117½	Sherwin-Williams .....	30	32
Do. B. ....	114	117	Sherwin-Will., 1st pf. ....	100½	—
Rights .....	6	6½	*Sterling Prod. ....	62½	62½
*Corn Products .....	40½	41	Swan & Finch .....	20	24
*Corn Products, pf. ....	119½	121	*Tenn. C. & Chem. ....	84	—
*Davison Chem. ....	44	44½	*Tex. Gulf, Sul. ....	108½	108½
Dow Chem. non par. ....	59	61	Union Carbide .....	59½	—
Dow Ch., pf. ....	100	101	*Un. Drug .....	120	121
Dow Drug Co. ....	180	175	*Un. Drug, 1st pf. ....	51½	52
Dow Drug Co., pf. ....	104	106	*Un. Dyewood .....	31	32
Du Pont Deb. ....	95	95½	*Un. Dyewood, pf. ....	58	84½
*Du Pont de Nem. ....	141½	142	Un. Gas Imp. ....	37	50
*Eastman Kodak .....	111½	111½	Un. Gas Imp., pf. ....	86	87
*Eastman Kodak, pf. ....	111	—	U. S. Gypsum. ....	127	132
*Freemont Tex. ....	11½	11½	*U. S. Indus. Al. ....	84½	85
*Genl. Asphalt .....	58½	58½	*U. S. Indus. Al., pf. ....	105	107
*Genl. Asphalt, pf. ....	92	95	*Va. Car. Ch. ....	23½	2½
*Gold Dust .....	39½	39½	*V. Vivaudou .....	73½	8
Grasselli .....	122	124	*Va. Car. Ch. ....	134	2
Grasselli, pf. ....	102	103	Will & Baumer .....	13	14

\*Listed on New York Stock Exchange  
Unlisted Stocks Through Courtesy Pynchon & Co.

FOREIGN EXCHANGE		Par	Current
Great Britain (pound sterling) .....	\$4.866	\$4.71	
France (franc) .....	183	.053	
Italy (lira) .....	193	.042	
Belgium (franc) .....	193	.049	
Czechoslovakia (crown) per hundred .....	20.30	.039	
Denmark (krone) .....	268	.177	
Germany (mark) .....	238	.238	
Holland (florin) .....	402	.403	
Norway (krone) .....	258	.150	
Poland (zloty) .....	193	.192	
Spain (peseta) .....	193	.139	
Sweden (krone) .....	268	.269	
Switzerland (franc) .....	193	.193	
Argentina (peso) .....	424	.393	
Brazil (milreis) .....	324	.115	
Japan (yen) .....	499	.384	
India (rupee) .....	485	.356	
China (Silver dollar, Hongkong) .....	749	.585	
(Tael-Peking, silver) .....	1.156	.772	
(Tael-Shanghai, silver) .....	1.986	.748	

In an unusual after Christmas activity on the New York Stock Exchange the following stocks broke their year's high record; American Metal, American Smelting and Refining, common and preferred, American Zinc preferred, Anaconda Copper, Chile Copper; E. I. Du Pont De Nemours & Co., International Nickel, Kennecott Copper, Texas Gulf Refining, United Drug, common and first preferred, and U. S. Smelting and Refining.

Boots Pure Drug Co., London, has declared an interim dividend on the ordinary shares at the rate of 36 per cent per annum, less tax, payable Jan. 1. Other payments for 1924 were 9 per cent, less tax, on July 1, and 9 per cent paid on Oct. 1.

## New Incorporations

In the Chemical, Drug, Oil Producing and Consuming Fields

F. C. Viele & Sons, Glens Falls, \$60,000. Drugs. F. C., S. E., and H. F. Viele. Attorney, J. W. Russell, Glens Falls.

Wash Chemical Co., Inc., Dover, Del., \$50,000. Manufacture soaps. Carl H. Dorch, William Gwynn, and Chas. W. Day. Capital Trust Co., Del.

Anglo-Chilean Consolidated Nitrate Corp., Wilmington, Del., \$172,000,000. Corporation Trust Co. of America.

Perfume Dispensing Corp. of America, New York, \$50,000. W. E. Schiel, M. E. Collins, S. E. Schiel. Attorneys, Dowsey & Schiel, New York.

Times Drug Sundries, New York, \$10,000. Specialties A. & F. Timen, L. Stimel. Attorney, N. Friedman New York.

Seminole Drug Co., Troy, N. Y., \$25,000. J. Bacon, F. R. Lossoe. Attorneys, J. F. & W. H. Murray, Troy.

E. K. Merrihew Co., Boston, \$30,000. Hides, leather and rubler. Richard H. Wiswall, Salem; Francis G. Goodale, Weston; Edward K. Merrihew, Newton; J. Preston Rice, West Newton; Samuel M. Felton, Boston.

Isaac Levy & Sons, Brooklyn, N. Y., \$10,000. Manufacture chemicals. I. & C. & H. Levy. Attorney, I. Ginsberg, New York.

Pulp Bleaching Corp., New York, 1,500 shares preferred stock, \$100 each, 1,000 shares common stock, no par value. R. B. Wolf, R. P. Hill. Attorney, G. Vanorange, New York.

District Beverage Co., Wilmington, Del., \$100,000. Corporation Trust Co. of America.

Princess Co., Wilmington, Del., \$30,000. Manufacture extracts.

Consumers' Co., Wilmington, Del., \$6,750,000. Manufacture ice.

Gibson Co., Wilmington, Del., \$150,000. Operate drug stores.

Genotherm Corp., New York, 500 shares common stock, no par value. Medicinal goods. E. B. Thauburn, L. M. Ketteringham, J. B. Roe. Attorney, C. D. Rogers, New York.

Utilities Power & Paper Co., New York, 10,000 shares preferred stock, \$100 each, 16,000 shares common, no par value. T. C. P. Martin, D. R. Gray, C. MacGregor. Attorneys, Larkin, Rathbone & Parry, New York.

Minox Chemical Corp., New York, Delaware charter, \$1,000,000. Druggists. United States Corp. Co.

Chemical Reclaiming Corp., New York, \$75,000. F. Demovitch, F. Raab, C. L. Grad. Attorneys, Joseph & Demov, New York.

Royal Chemical Co., New York, \$10,000. M. H. Wilpon, J. E. Lo Piccolo. Attorney, S. J. Rotondi, Brooklyn, N. Y.

M. & M. Paint Manufacturing Corp., Wilmington, Del., \$300,000. Corp. Service Co.

Lucille Jeannette Products, Wilmington, Del., \$300,000. Manufacture cosmetics. Conolia Charter Co.

Pittston Beverage Co., Wilmington, Del., \$150,000. Manufacture. Corp. Service Co.

## CANADIAN INCORPORATIONS

Hyman Leather, Ltd., London, Ont., \$500,000. Manufacture leather. Richard G. Ivey, John G. Gillanders, Shirley I. McCullagh, London.

Pritchard Process Co., Ltd., Toronto, Ont., \$30,000. To acquire and use processes of distillation. Harry C. Moore, Hugh F. Cassidy, James A. Hogg, Toronto.

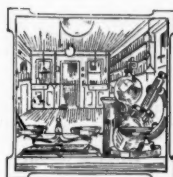
The Hastings Paper Mills, Ltd., Belleville, Ont., \$100,000. Manufacture paper. William N. Ponton, Richard D. Ponton, Gladys H. MacDonald, of Belleville.

Quebec Industrial Alcohol, Ltd., Montreal, Que., \$2,000,000. Manufacture alcohol, chemicals and spirits. Charles G. Each, Wallace J. Hyndman, Montreal; Wm. Siketaue, Outremont, Que.

T. A. Snider Preserve Co., Ltd., Toronto, Ont., 200 shares, no par value. Manufacture food products. Albon Mearns, Gerald M. Malone, Bertha Simons, Toronto.

Among the securities sold at auction by Adrian H. Muller at the Vesey Street Auction Rooms, last week, were: 400 shares Butterworth-Judson preferred, \$21 the lot; 100 shares Federal Dyestuff and Chemical Corp. V.T.C., no par, \$6 the lot; 265 shares Union Dye and Chemical Corp. stock trust certificates, \$10 each, and \$3.75 scrip for fractional interest in common shares for \$10 the lot; 8 shares Kingsport Color Corp. no par, \$5 the lot; 200 shares Vivaudou, common, \$100 each, \$8 per share; \$13,000 United Zinc and Chemical Co. first mortgage gold 5s due 1928, May, 1922, and subsequent coupons attached.

Stock in Archer-Daniels-Midland Co., has been listed for trading on the New York Stock Exchange as follows: 225,000 shares no par common stock, and \$4,850,000 7 per cent cumulative preferred stock.



# Drug & Fine Chemical

## SECTION



### Are You A Bootlegger?

*If You Hold A Permit For 39 A or B Alcohol,  
You Must Be, According To The Papers*

**W**HAT the layman knows about industrial alcohol, its real uses, why it is tax-free, its importance to dozens of industries, can probably be summarized in one word. Nothing! What the average legislator, federal or state, knows about the same subject can probably be summarized with the same word.

Practically all the information which is given to the public and to a large proportion of our legislators regarding the alcohol question, is conveyed by the daily press or the popular magazines. After an interview with this "authority" or that "authority," a sensational twist to the facts (?), a flaring headline, and the story is fed to the dear old public.

Some rare gems get into print, but what is perhaps the rarest of the rare, is a story recently published in the "Brooklyn Daily Eagle" of Brooklyn, N. Y., by one Frederick Boyd Stevenson, under the heading "Poison Hooch Flooding New York; Shoe Polish Made into Old Scotch." His fund of misinformation on alcohol and industrial alcohol is evidently unlimited, and with nothing but a hazy idea of "what is what" in alcohol, he proceeds to inform about a million readers of the paper all about Formulae 39-A, 39-B, and 40, and how these are especially prepared by the Government for exclusive use of discriminating bootleggers. So, if you use these formulae, you must be a bootlegger. At least, a million readers of this newspaper must now have that idea.

He evidently interviewed Acting Federal Prohibition Director William H. Walker. The fact that Mr. Stevenson sort of missed the gist of friend William's remarks on 39-A, 39-B, and 40, is certainly not the fault of the latter. To quote the article: "First of all, I want to tell all those deluded persons who think that they are getting the 'real stuff' because some one personally guarantees to them that the liquor has been smuggled from other countries, that there is mighty little of that so-called liquor in this country."

"The bootleggers have been spreading the propaganda to the effect that great quantities of gin and rum and whiskey have been slipped by the customs officers. So they go to these people and say they have some very choice 'stuff.' They show the labels which have been printed to order in a shop in Syracuse which we raided, and they point with pride to the musty and discolored appearance of those labels and bottles, which have been submerged in marshes and hidden in other damp places to give them the appearance of antiquity."

"Now as a matter of fact, not more than 20 per cent of the 'stuff' that is being sold here in the East today has been smuggled into the country."

"And what is the rest of it?" I asked.

"The other 80 per cent of it," he said, "is composed of the deadliest poisons." "Does any of it contain even

pure alcohol?" I asked. No, he replied. These hooch-makers get what is known as industrial alcohol which is released by the Government for manufacturing purposes. During this year the Government released 33,009,016 gallons of this denatured alcohol for the purpose of having it used in the manufacture of various industrial products. Of course this denatured alcohol is not intended to be used internally under any circumstances, as it is poison."

"But more than one-third of it has been obtained by the hooch-makers and made into this 'stuff' that the Bootleggers are peddling about today."

"How do they get it?" I asked.

"They get it by permits issued to them under three formulas intended for industrial manufacturing purposes. These formulas are known as 39-A, 39-B and 40."

"For instance, Formula 39-A is a permit authorizing the manufacture of barbers' supplies—soaps for shaving and shampooing, hair oils and various other materials."

"Formula 39-B is a permit authorizing the manufacture of cleaning soaps for the kitchen and utensils in general, stove polish and shoe polish, other barber supplies, etc."

"Formula 40 is a permit authorizing the manufacture of perfumery, high grade toilet soaps, cosmetics and other toilet articles."

"And the hooch-makers, you say, have obtained one-third of this released denatured alcohol?"

"Yes. I can give you the exact amount. For Formula 39-A there have been released this year 2,085,013 gallons; for Formula 39-B 7,356,764 gallons, and for Formula 40 1,817,191 gallons."

You can add these figures yourself and you will see that they have obtained 11,258,968 gallons of this denatured alcohol.

#### A Shoe Polish Cocktail

The richest, rarest, and raciest part of Mr. Stevenson's blurb comes in here about making hooch from shoe-polish. The logic of this part is especially worthy of attention. "Instead of making it into barbers' shaving soap and hair oil and cleaning soaps and fluids and stove polish and shoe polish, they have made it into 'Old Scotch' and 'Gordon Gin' and 'Jamaica Rum.' and some of you men and women have been wishing many happy returns to one another and drinking this shoe polish and stove polish as first class 'Real Stuff' that a friend of mine who is on the inside got over and guarantees to me."

"These drinks that are on the market today," said Mr. Walker, "are made from the cheapest grade of alcohol. Very little grain alcohol is now being withdrawn for denaturing purposes. Cane alcohol is principally used. It is poison and other poisons are put in it to give it a



'kick.' Then it is colored with burnt sugar, poured into bottles, corked with old corks covered with forged Government stamps, forged labels put on the bottles, the whole thing discolored and dust blown upon it to make it look ancient and your Mr. Drinker thinks he is getting something fine."

"And is this material expensive?" I asked. "It is the cheapest 'stuff' imaginable," said Mr. Walker. "It is released by the Government tax-free. The tax on pure alcohol is \$4.18 a gallon."

Now the question arises:—

**Why does not some member of the Congress propose putting the same tax on this denatured alcohol that is put on real alcohol?**

From a monetary standpoint alone it would bring into the United States Treasury \$47,000,000 or more a year. But from a life-saving standpoint should not some law be passed that would require a stricter scrutiny of the denatured alcohol released for industrial purposes, but which is now poured down the throats of rum-loving guzzlers?"

#### And When All Is Said

The last paragraph is the most vicious, although perhaps unknowingly so. It explains why public opinion is as it is. It explains why, in spite of the Constitution of the United States to the contrary, the supply of industrial alcohol may be choked off completely. And, it explains the unbounded ignorance against which the legitimate alcohol consuming trades of this country have to contend, even among so-called intelligent people.

#### WHAT THE PROPOSED ALL-PHARMACY BUILDING MEANS TO THE DRUG TRADE

**Otto J. S. Boberg, Secretary of Wisconsin Pharmaceutical Association, Says a United Front Can Be Presented in Legislative Matters and Co-operation Will Eliminate Duplicated Efforts**

By Otto J. S. Boberg, Secretary  
Wisconsin Pharmaceutical Association.

The erection and endowment of the proposed All-Pharmacy Headquarters building means a centralization of pharmaceutical interests in America. It means that there will be a central clearing house for problems and measures of importance to pharmacy in all its diversified branches. It means that we will have a general headquarters where delegates from State and national associations can meet and exchange ideas or discuss problems of common interest to all pharmacists. It means that constructive work will be simplified by the elimination of duplicated efforts.

It will mean much for the development of real co-operation on the part of American pharmacists. It will mean a general headquarters for more efficient publicity for pharmacy, which will be of advantage to every state association. It means that a united front can be presented in legislative matters of vital interest to pharmacy.

It means that there will be a central place for pharmaceutical research work, for pharmaceutical historical data, for a national pharmaceutical library, for national pharmaceutical publicity, and for a national pharmaceutical museum. It means a fuller recognition of pharmacy as a profession, by the Government and by the public, and it certainly should cause every individual pharmacist to take more pride in his chosen profession.

A contribution to the All-Pharmacy Building Fund does not mean a donation, but an investment, beneficial to the progress and prestige of American pharmacy.

DRUG AND FINE CHEMICAL SECTION

#### BROADER VIEW OF PHARMACY DEMANDED BY PRESIDENT OF HESSIG-ELLIS DRUG CO.

**Blames Drug Trade for Not Obtaining Same Recognition Accorded Other Manufactured Products—Would Have Pharmacy Represented In the International Chamber of Commerce**

By R. R. Ellis, President

Hessig-Ellis Drug Co., Memphis, Tenn.

Organized pharmacy and the drug industry as such have never demanded or received the recognition that we are entitled to, and the only criticism that can be offered against our efforts now is that we have been tardy. The army and the navy, the banks, the public have never seem to feel it necessary to take us seriously. When you see a list of the important industries you find steel, wool, cotton, then the manufactured products of hardware, lumber, groceries, and dry goods, but you do not see drugs mentioned very often, and it is our own fault. We have had a narrow view. We certainly have paid the price in service or money, but have not received the proper recognition.

Only recently I directed a strong appeal to the President of the N. W. D. A. to point out that it was proper for us to take a membership in the International Chamber of Commerce. Some people seemed to think that inasmuch as we were not dealing directly in foreign commerce that we should not give \$100 to become a member, when as a matter of fact a great many of our wholesale druggists are engaged in the import and export business, but regardless of that, what affects American industry as a whole, whether good or bad, affects the drug business. We must get that kind of vision and put our shoulders to the wheel to help every good cause.

The pharmacist and the alchemist were one and the same once upon a time. The alchemist developed into the practicing, prescribing physician, and the pharmacist took the job of compounding and mixing. About the same time the surgeon and the barber were one and the same, and that is where the stick of candy barber pole developed, the red stripe representing blood, signifying that he cut off legs and performed operations. Then that branch split and we developed great surgeons of the world, the professional line, and the barber took his calling. Do the pharmacists and the druggists expect to be to the practitioner, in direct ratio of professional standing and public service, what the barbers are to the surgeons? I do not think so.

#### HELPING THE PHARMACIST BY RESEARCH

By Louis Emanuel, Pittsburgh, Pa.

The usefulness of the American Pharmacy Headquarters to the retail pharmacist lies in the establishment of a Medico-Pharmaceutical Research Laboratory, the function of which should consist in devising formulae for such contemporary medicaments as may be indicated by the more recent advances in medical practice. This service should include such literary compositions as will enable the pharmacist to properly approach medical practitioners with a view of displaying his ability to render competent technical service. I am of the opinion that such a laboratory will supply the initiative, or creative impulse that is lacking in the average pharmacist, and which is otherwise induced, primarily, by a motive of self-interest, or more rarely by a scientific mentality. Such a laboratory will make for progress, and will serve to promptly spread the more recent improvements in the science of pharmacy, to every authorized pharmacist in the land.



## WHO'S WHO— in the Drug Industry

**Franklin S. Amerman**, pres. Odorbase Mfg. Co., New York. Born, Brooklyn, N. Y., Apr. 6, 1879. Mar., Florence I. Green, Brooklyn, N. Y., Sept. 17, 1906. Educat., Pratt Institute (chemistry 7 yrs.). Business: Experimental and compounding perfume laboratory, Lazell, Dalley & Co., N. Y., 1900-08; pres. Odorbase Mfg. Co., 1908 to date. Operated Richmond Hill Branch, War Camp Community Service, and member Executive Board Amer. Red Cross during war. Member: Executive Com. United Com'l Travelers of America, Mystic Shrine, Mason (32 degree). Hobbies, fishing, radio.

**Walter W. Baldwin**, pres. and genl. mgr., Baldwin Perfumery Co., Chicago, Ill. Born, Fairmount, Ill., May 6, 1880. Mar., Elzadia Paisley, Chicago, Oct. 18, 1905. Educat.: High school and general business course in college. Business: Organized Baldwin Perfumery Co., successor to B. D. Baldwin Co., 1904; pres. and genl. mgr. of that company from then to date. Member: Hamilton Club (Chgo.), Chgo. Drug & Chemical Club, (sec. 1920), Ill. Pharmaceutical Travelers' Assn. (sec. & treas., 1920-21-22; v. pres., 1923; pres., 1924).

**Walter L. Filmer**, mgr. Chgo. branch Monsanto Chem. Wks. Born: Brooklyn, Feb. 15, 1868. Mar.: Elsie Hopewell, Madison, Ky., April 26, 1899. Educat.: Public schools, Brooklyn. Business: Leo Bernard & Co. 1888-1895; Dodge & Olcott, office boy 1885-1888, mgr. St. Louis branch 1895-1915; Monsanto Chem. Wks. in charge vanillin and coumarin sales, 1918-1920, mgr. Chgo. branch 1920 to date. Member: St. Louis Oil Paint & Drug Club, Chgo. Perfumery, Soap, & Extract Assn. secy. & treas. 1922-1923-1924. Hobbies: Yachting.

**Frederick A. Dicks**, pres. Finley, Dicks & Co., New Orleans. Born, Natchez, Miss., Oct. 16, 1853. Mar., Lee J. Gince, Dec. 30, 1875. Educat.: grammar school, put to work in a retail drug store at 14 years of age. Business: Established the firm of F. A. Dicks, Natchez, 1875; consolidated with G. R. Finley in 1895 to form Finley, Dicks & Co., Inc. Member: Chess & Checkers Club, Round Table Club, Amer. Pharmaceutical Assoc., Southern Drug Club, National Wholesale Drug Assoc., La Pharmaceutical Assoc., charter member Miss. Pharmaceutical Assoc. Was the first to suggest the restriction of sales of cocaine and morphine in the South; prevented a bloody conflict between mobs in 1875 in Mississippi by having small bottles of bromine thrown into a negro mob, this being the first instance of a gas bomb being used in America. Hobby, books.

**Richard Van Saun Hillier**, vice-pres. and treas., R. Hillier's Son Co., New York. Born, Asbury Park, N. J., July 26, 1895. Mar., Anna Deal Larison, Jersey City, N. J., Oct. 18, 1919. Educat.: Grad., Dickinson H. S., Jersey City, 1913; night school thereafter. Business: Office boy, Anderson Hillier Co., 1913; gradually advanced to position of secy. of that firm, now vice-pres. and treas. of re-established firm of R. Hillier's Son Co. During war, enlisted in Signal Corps; afterwards 2nd Lieut. Artillery, 54th brigade, hqrs. (radio officer); 20th Balloon Co., A. E. F. (artillery observer). Member: Amer. Legion, Martin Walberg Post No. 3 (Adjut.). Hobbies, swimming and fishing.

The prohibition against the importation of foreign dentifrices into Latvia which was announced recently, has been removed.

## EXPLAINS FRENCH RULING ON AMERICAN MEDICINALS NOT IN PHARMACOPOEIA

**Consul General Skinner Analyzes Legislation Adopted by France in April, 1923, and Defines Class of Proprietary Affected—Serums, Vaccines, Virus, Toxines and Similar Preparations not Considered Patent Medicines**

Explaining in detail the modifications which have been made in French regulations regarding the importation of American patent medicines, Robert P. Skinner, consul general, writes as follows to DRUG & CHEMICAL MARKETS.

American Consulate General,  
Paris, France.

In April, 1923, legislation was adopted in France which removed, to a certain degree, the handicap placed on foreign medicines entering this country, but which contained a clause reserving the right of entry to products originating in countries granting reciprocal treatment to French patent medicines.

According to a decision published in the "Journal Officiel" of the French Government on Dec. 2, 1924, the competent authorities, after examination of the customs treatment accorded in the United States to French preparations, have decided that the benefit of the reciprocity clause may be accorded on entry into France of American patent medicines, and the present status of such preparations will thus be governed by the terms of the above mentioned legislation as given below: Patent medicines are divided into three categories:

(1) Those mentioned in an official pharmacopoeia which are admitted without any special formalities other than the payment of the import duty of 60% ad valorem, maximum tariff, and 15%, minimum tariff. American patent medicines are assessed at the maximum rate of duty.

(2) Those not mentioned in an official pharmacopoeia, but which bear, both on the direct container and also on the exterior wrapping, a clearly printed statement, in the French language, giving the name of the product, the quantities of each drug contained therein (the description must not be expressed as a chemical formula), and the name and address of the manufacturer. This class of patent medicine was formerly excluded when of American origin until the recent decision was reached.

(3) Patent medicine neither mentioned in an official pharmacopoeia nor bearing the indications laid down above, which are refused admission to France.

Serums, vaccines, virus, toxines and similar preparations are not considered as being patent medicines.

Although the maximum duty of 60% ad valorem which is assessed may prove a deterrent to any large trade with the native population of France, the new decision may prove of assistance to American manufacturers of patent medicines in enabling them to supply Americans resident or traveling in France with their favorite specifics which they have hitherto been unable to obtain.

The effect of the legislation as originally passed is understood to have caused a number of American manufacturers to entrust the preparation of their medicines to chemists located in France, as this was the only way they could ensure a constant supply of their products to their customers abroad. Under the new arrangements, this necessity is eliminated.

ROBERT P. SKINNER,  
Consul General.

Dec. 12, 1924.

Harry J. Ahles, Chicago, has been appointed western representative of Seydel Chemical Co., makers of benzoates, Jersey City, N. J., and Nitro, W. Va.

DRUG AND FINE CHEMICAL SECTION

## The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, page 2014

### QUICKSILVER ADVANCES TO \$77 FLASK

Italy and Spain Not Offering at Present—Menthol Firm for Shipment—Caffeine Alkaloid Active—Imported Tartaric Acid Firm—Amidopyrine Firm and Active—Santonin Firm—Salicylates Quiet—Bromides Steady

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

**Advanced**  
Caffeine Alkaloid, Resales, 5c lb. Cream Tartar, Imp., 1/8c lb.  
Mercury, \$2.00 flask

**Declined**  
No Declines

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid .....	\$36	\$36	\$36	\$32	\$2.00	\$2.20
Acid Citric, Import.....	.46	.46	.46	.47	1.25	.45
Caffeine Alkaloid .....	3.50	3.50	3.50	4.00	18.00	3.65
Calomel, American .....	1.22	1.22	1.22	1.25	3.43	.90
Camphor, Jap., ref. ....	.67	.67	.67	.86	3.55	.41
Iodine, Resublimed .....	4.65	4.65	4.75	4.55	5.00	3.75
Menthol .....	12.75	12.00	13.25	10.25	13.50	3.00
Potassium Bromide, Cryst.	.48	.48	.48	.26	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.49 1/4	.49 1/4	.49 1/4	.68	2.03	.50
Average .....	2.34	2.34	2.33	2.13	5.92	1.56

Prices of fine chemicals are holding firm in spite of the holiday season. Stocks have become reduced in a few items to such an extent as to cause an acute spot situation. Reports are heard that offerings for shipment are being curtailed, and what is offered is at high prices. The differential between current spot prices and late shipments has become slight, although some advantage is still in favor of the far off positions. Thus far this season, makers report slow demand for salicylates, but are looking forward to active business in the first quarter of 1925. This open winters that have prevailed for the last few years have caused a light demand for salicylates. Prices are being shaded only in rare instances, holders feel that they can afford to hold their supplies in view of the high replacement costs along with tendency to reduced spot stocks. Supplies of potash permanganate are firmly held at 15c pound, although odd lots are still obtainable at 14 1/2c pound.

**Acetanilid**—In active demand at 36c@38c lb. spot from makers, and 35c@36c lb. from resale quarters.

**Acid, Acetylsalicylic**—In small demand at the moment at 75c@85c lb. spot as to seller and quantity. Demand up to present time reported not as large as last year. Resellers quoting 72 1/2c@75c lb.

**Acid, Citric**—Imported firmly held at 46c@46 1/2c lb. spot as to quantity. Little forward buying reported in view of the firm prices asked for shipment. Europe has been taking fair quantities. Domestic named at 46c@47c lb.

**Acid, Diethylbarbituric**—In small demand at \$4.25@ \$4.50 lb. spot for imported, and \$8.00@9.00 lb. for domestic goods. Supplies of imported material are tending heavy in spite of the higher duty.

**Acid, Phosphoric**—Makers are firm at 15c@17c lb. spot as to quantity and seller, and resellers name 15c@ 16c lb. Import cost well above present quotations.

**Acid, Salicylic**—In small demand at 35c lb. spot, and second hands at 33c@34c lb.

**Acid, Tartaric**—Imported firmly held at 27c@27 1/2c lb. spot as to quantity with some houses inside at the maximum figure. Stocks are low, and with a pick-up in business after the first of the year, higher prices are freely predicted. Domestic, 29c lb.

**Alcohol**—Makers report active demand with tendency to offer only forward deliveries. The present cold weather has caused a rush for alcohol from the small distributors. Specially denatured No. 1 quoted at 57 1/2c @59 1/2c gal. spot in drums, and No. 5 completely denatured at 56 1/2c@58 1/2c gal. in drums. Raw material is advancing, and now reports state that 14c gal. "black strap" is being talked of.

**Alolin**—Firm and active at 88c@90c lb. spot.

**Amidopyrine**—Imported has advanced to \$4.75@4.85 lb. spot as to quantity, while domestic is still quoted at \$4.60@4.75 lb. Several small orders are in the market at \$4.50 lb., but owing to the firmness of the market chances are small in filling them.

**Antipyrine**—In small demand at \$1.90@2.00 lb. spot as to quantity.

**Bay Rum**—Quiet at 95c@\$1.05 gal. spot for Porto Rican material, and \$1.05@\$1.10 gal. for St. Thomas, although a fair quality of the latter is being offered at 95c gal.

**Bismuth Subnitrate**—Market easy at \$2.15 lb. spot owing to weakness in London. The reduction last week is said to be the result of stiff competition among spot sellers.

**Bromides**—While demand is quiet, prices are firm and show little tendency to weaken. Imported ammonium quoted at 50c@53c lb.; potassium, 42c@44c lb.; and sodium, 43c@45c lb. Domestic firm at 54c lb. spot for ammonium; and 48c lb. for both potassium and sodium.

**Caffeine**—Makers are firm at \$3.50@\$3.75 lb. spot as to quantity with the possibility of higher prices in the near future. Makers report an active demand. Resellers have moved up to \$3.50@\$3.60 lb.

**Camphor**—Japanese 2 1/4-lb. slabs easy at 66 1/2c lb. spot, and small divisions at 80c@81c lb. Domestic named at 80c lb. in bulk.

**Chloroform**—Drums quoted steady at 35c lb. spot by makers, and 32c lb. from second hands.

**Cocoa Butter**—Market firm at 29c@30c lb. spot in bulk, and 34c@36c lb. for fingers.

**Codliver Oil**—Norwegian firm at \$28.50@30.00 bbl. spot as to seller and brand. Reports are heard that forward business has been done on new catch oil at prices above spot values. Several dealers are looking for another good year due to the increase in the volume of business last year. This increased business, however, may not carry-over into another year, according to some sellers.

**Cream Tartar**—Imported higher at 20 1/2c@21c lb. spot, and domestic at 21 1/4c@21 1/2c lb.

**Formaldehyde**—Generally quoted at 9 1/4c@9 1/2c lb. works in c.l., although some are still quoting 9c lb.

**Fusel Oil**—Weak at \$2.80@\$3.00 gal. spot as to seller with the possibilities of shading these figures on firm business.

**Glycerin**—C.P. firm at 19c@19 1/2c lb. spot in drums, and dynamite at 18c@18 1/4c lb.

**Menthol**—Spot market is easy at \$12.75@13.25 lb. with the possibility of shading these figures on firm business. Spot holders have been reducing prices, and Japan has been advancing shipment figures during the past three months, but now a difference of less than \$1.00 lb. is noted between spot price and May shipment.

**Mercury**—Has advanced again and now quoted at \$77.00@78.00 flask as to seller owing to scarcity on spot as well as from abroad. London is quoting £12 10s per flask. No offers are being received from Italy or Spain. Sales have been made for Jan.-Feb. shipment from London at \$77 flask duty paid, New York.

**Potassium Permanganate**—Imported generally quoted at 15c@16c lb. spot with shipment from Germany named at \$25 per 100 kilos f.o.b. Hamburg, or about 15.4c lb. duty paid, New York. Domestic named at 15c@16c lb., spot, but are meeting competition of the cheaper imported material.

**Saccharin**—In fair demand at \$1.75@1.85 lb. spot as to seller and quantity.

**Santonin**—In active demand at \$150@157 lb. spot as to quantity and grade.

#### CHEMICAL SOCIETY ELECTS DR. NORRIS

Prof. James F. Norris of the Massachusetts Institute of Technology, Boston, has been elected president of the American Chemical Society for 1925, succeeding Dr. Leo Hendrik Baekeland of New York.

The new directors chosen are Prof. E. C. Franklin of Leland Stanford University, and Dr. W. D. Bigelow, director of the Research Laboratories of the National Canners' Association, at Washington.

The new councilors-at-large are Prof. T. B. Johnson of Yale University; Dr. A. M. Comey, Cambridge, Mass.; Prof. W. Lee Lewis, Northwestern University, and Edward Mallinckrodt, St. Louis. Prof. Lewis is the director of the Bureau of Scientific Research of the Institute of American Meat Packers, Chicago.

Professor Norris received his A.B. and Ph.D. degrees from Johns Hopkins University. He has been on the faculty of Simmons College and Vanderbilt University and is now professor of organic chemistry at the Massachusetts Institute of Technology.

During the war Professor Norris was associated with the Naval Consulting Board and was in charge of chemical research for war gas offense in the Bureau of Mines. He was made a lieutenant-colonel later and placed in charge of the Chemical Warfare Service in England. He also made an inspection of the German chemical war gas factories.

#### FIX PRICES FOR NEW ITALIAN OLIVE OIL (Special Correspondence to DRUG & CHEMICAL MARKETS)

Genoa, Italy, Dec. 23.—The outlook for a good olive crop is favorable. Quotations are as follows per 100 kilos: Riviera Ponente fine new, 900 to 910 lire; Bari extra, 890 to 910 lire; Bitonto extra, 900 to 920 lire; Molletta extra, 900 to 920 lire; Calabria extra, 850 to 900 lire; Sardegna fine, 850 to 900 lire; Toscana fine, 890 to 900 lire; Lecce fine, 850 to 900 lire; Abruzzi fine, 840 to 890 lire; refined olive oil, 820 to 830 lire.

Anthony M. Hance, formerly with Hance Bros. & White, manufacturers of pharmaceuticals in Philadelphia, died at his home in Philadelphia on Dec. 23, at the age of 65.

Chas. Pfizer & Co., chemical manufacturers, celebrated the seventy-fifth anniversary of their founding with a dinner at the Hotel Biltmore, New York, on Dec. 20.

#### CODLIVER OIL EASIER IN LONDON

**Menthol and American Peppermint Oil Firmer—Mercury, Lead Oxide and Red Lead Higher—Arsenic and Antimony Firmer—General Trading Quiet, But Prices Are Firm**

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Dec. 31.—Trading in drugs and fine chemicals is quiet, but prices are firm. Lead, lead oxide, red lead, litharge and mercury are higher. The market is firmer for cloves, American peppermint oil, Japanese mint oil, arsenic, antimony and menthol.

Prices of codliver oil and shellac are easier. Hull castor oil seconds are lower.

London, Dec. 22. (By Mail)—Business has fallen off considerably this week. The Hudson Bay Auction of castoreum on Dec. 10 passed off with animated competition at advances in all grades. The higher qualities of York Fort realized fully 40 per cent, and thirds and pickings as much as 100 per cent over the unusually slow auction of December last year. Germany and France were the principal buyers.

Cloves have been moving freely and stocks are much lower than at this period last year. Prices forward are higher, December 1s per lb c.i.f. Zanzibar on spot 1s to 1s1d per lb with a good business doing.

Pepper, White Montok, has also been in good request. Up to 10½d per lb has been paid on spot closing at 10½d per lb, while sales have been made for Jan.-March shipment at close to 10½d per lb c.i.f.

Shellac has tapered off somewhat in value on lower Calcutta cables. T. N. Orange at the close spot 320s per cwt., December 295s c.i.f.

Carnauba wax is lower. Good fatty grey is obtainable now at 110s per cwt., while lots to arrive are 105s c.i.f.

Chloral hydrate is decidedly firmer at 3s11d to 4s per lb for round lots.

Balsam tolu is easier at 7s3d per lb on spot.

Iodine, crude of Scotch make, is short at the moment, but the Chilean variety is in sufficient supply to meet present requirements.

Rhubarb—The tendency continues towards higher prices. Flat High-dried 2s3d per lb on spot and 2s c.i.f. Bold Shensi is fetching 3s3d per lb being decidedly dearer.

Litharge can now be bought at the lower price of £45 15s per ton.

Ergot of Rye, Spanish, is very firm on this market at 2s3d to 2s6d per lb; little offering from the Continent.

Biddle Purchasing Co.'s bowling team defeated E. R. Squibb & Sons' team three games to none on Dec. 22 in the Wholesale Drug Trade Bowling Association Tournament at Colgate's Alleys, Jersey City. McArthur, of E. R. Squibb & Sons, was high with 207, and Howe of Biddle Purchasing Co. rolled a clean game. During the same evening, Colgate No. 2 team won two out of three games from Colgate No. 1 team. Clean games were rolled by Glendenning and Norton of Colgate No. 2 team, and Nunnermacker of Colgate No. 1 team.

The total imports of medicinal preparations into the Union of South Africa in 1923 reached £179,419, and in 1922, £173,584. Great Britain dominates the import trade. Its 1923 contribution of £132,233, however, represented a slight decrease compared with 1922. The United States, second as a country of origin, was responsible for about 18 per cent of the Union's imports, or an increase of £2,148 over the amount furnished in 1922. The remaining requirements come from Germany and France.



## The Crude Drug Market

Current Spot Quotations for Crude Drugs, page 2023

### SELECT SASSAFRAS ADVANCES TO 30c LB.

Owing to Scarcity on Spot as Well as in Country—  
Roman Chamomile Flowers Easier—Select Elm Bark  
Higher—Damiana Leaves Scarce—Larkspur Seed  
Firmer—German Fennel Seed Higher—Valerian Root  
Scarce—Wahoo Bark of Root, Mexican Sarsaparilla  
Root and Cloves Scarce

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Caraway Seed, Dutch, ¼ lb.	Rose Pedals, Red, 2c lb.
Damiana Leaves, 5c lb.	Sassafras Bark, Select, 2c lb.
Elm Bark, Select, 1c lb.	Valerian Root, Belgian, 6c lb.
Fennel Seed, German, 1c lb.	Wild Cherry Bark, T. N., ½ c lb.
Larkspur Seed, 75c lb.	

Declined	
Chamomile Flowers, Rom., 2c lb.	Condurango Bark, 2c lb.
Hungarian, ½ c lb.	Cotton Root, 1c lb.

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, U.S.P. ....	\$.35	\$.35	\$.35	\$.50	\$.90	\$.42
Buchu Leaves, Short .....	.76	.76	.75	.90	4.00	.85
Cantharides, Russian .....	.85	.85	.80	1.25	9.00	2.10
Cocculus Indicus .....	.12	.12	.03	.03½	.85	.03
Ergot, Spanish .....	.60	.60	.60	.38	4.50	.54
Insect Powder, pure .....	.44	.44	.44	.65	1.00	.38
Ipecac, Cartagena, Powd. ....	2.35	2.35	2.50	2.60	4.50	1.35
Nux Vomica .....	.05	.05	.05	.05	.14½	.07
Opium gum .....	12.00	12.00	12.60	8.00	30.00	5.00
Rhubarb Root, H. D. ....	.35	.37	.35	.34	1.75	.15
Tragacanth, No. 1, ribbon. ....	1.15	1.15	1.15	1.35	6.00	1.50
Wild Cherry Bk., thin nat. ....	.08½	.08½	.08½	.14	.21	.07
Average .....	1.58	1.53	1.58	1.35	5.28	1.60

While little business was transacted the early part of the week, some fair-sized orders were placed later for delivery in January. Importers have been cautious in replacing stocks. The gradual withdrawal of supplies from dealers' stocks has resulted in a sharp upward movement in prices in a number of instances, and this condition is expected to be more pronounced as the new year develops. Offerings from the South at the present time are in fair volume, and the complete list appears to be in good supply with the exception of lobelia herb. Sellers on the Coast are a little firmer in their ideas, and from now on dealers on spot think that few weaknesses will appear in Coast products.

**Aconite Root**—Although demand has been quiet, price is still firm at 35c@37c lb. spot as to quantity, and leaves at 10c@12c lb.

**Agar-Agar**—Some active business during the past few weeks has resulted in reduced stocks, and with any increase in inquiry after the first of the year, importers expect higher prices. No. 1 quoted firm at \$1.55@1.60 lb. spot as to quantity, and No. 3 at \$1.35 lb.

**Aletris Root**—Quiet though firm at 42c@44c lb. spot as to quantity.

**Althea Root**—Cuts firm and closely held at 40c@45c lb. spot as to quantity.

**Anise Seed**—Spanish is firm at 15c@15½c lb. spot as to seller and quantity. Star named steady at 11c@11½c lb.

**Arabic Gum**—Textile mills are making large inquiries for supplies. Amber sorts named at 13c@13½c lb. spot as to quantity. Spot stocks limited.

**Areca Nuts**—Firm though in small demand at the moment at 21c@22c lb. for whole, and 23c@24c lb. for powdered.

**Balsams**—Oregon fir is in small supply, on spot at \$1.00@1.10 gal. with replacements fully equal to these figures. Canadian named firm at \$11.00@11.50 gal. as to quantity. The Coast appears to be either curtailing its offerings or waiting to get higher prices. For other balsams see, "The Essential Oil Market."

**Belladonna Leaves**—Market is firm, and quoted at 25c@27c lb. spot as to quantity with a few houses inside at the maximum figure. Root, 13c@14c lb.

**Buchu Leaves**—Supplies are obtainable at 76c@78c lb. spot in bales, and 81c@83c lb. for less. Little activity has been noted in this item for the past two months.

**Caraway Seed**—Dutch has advanced and now quoted at 11c@11½c lb. spot as to quantity, and African at 10½c@10¾c lb. Goods afloat are offered slightly lower. London is quoting 45s. per cwt. for Dutch.

**Casara Sagrada**—Spot goods are quoted at 14½c@15c lb. with the possibility of doing 13½c lb. in c/l. Replacements are fully equal to current prices. London is quoting 60s. per 112 lbs.

**Celery Seed**—Firm at 30c@30½c lb. spot.

**Chamomile Flowers**—Roman has declined again and now quoted at 15c@17c lb. spot as to seller and quantity owing to easier shipment figures. The market has dropped from about 60c pound, and is now in a very deplorable condition, according to several dealers. Hungarian also lower at 6c@6½c lb.

**Cloves**—Zanzibar firm at 30c@31c lb. spot. Reports are heard that arrivals are being held up at the Customs owing to large stem content.

**Condurango Bark**—Easier at 12c@14c lb. spot as to quantity owing to a further accumulation of spot stocks.

**Damiana Leaves**—Sales have been made at 45c lb., and the market is now quoted at 45c@50c lb. spot as to quantity, although one holder is willing to do 40c lb. in small way. Prices as high as 60c lb. has been heard. Stocks on spot are well controlled, and from present reports only one dealer has anything worth while.

**Dandelion Root**—In small demand at the moment at 23c@25c lb. spot with shipment tending easier.

**Elm Bark**—Select has advanced to 27c@29c lb. spot as to seller. Demand is more active, and supplies are well controlled. Grinding, 15c@16c lb.

**Ergot**—Market firm though demand is small. Quoted at 60c@65c lb. with tendency to higher figures on any buying whatsoever.

**Fennel Seed**—German higher at 17c@18c lb. spot, and French at 10½c@11c lb. Indian, 9c@9½c lb.

**Henbane Leaves**—Scarce at 29c@30c lb. spot for U.S. P. goods, and 26c@27c lb. for no assay material.

**Horehound Herb**—Active at 9c@10c lb. spot as to source.

**Insect Powder**—Spot market steady at 44c@46c lb. with shipment tending higher.

**Juniper Berries**—Quoted on spot at 5½c@8c lb. spot as to quality. Goods now afloat are held at 6c lb.

**Larkspur Seed**—Sharply higher at \$3.25@3.50 lb. spot owing to scarcity and active demand.

**Lycopodium**—Steady at 55c@60c lb. spot with one house inside at 65c lb.



**Marjoram Leaves**—French firm and active at 40c@45c lb. spot as to quantity. German, 29c@31c lb.

**Musk Root**—Holders still name \$2.00@\$2.10 lb. spot with the possibility of doing less on firm business.

**Rhubarb Root**—Whole in small demand at 35c@37c lb. spot as to seller, and powdered at 43c@45c lb.

**Saffron Flowers**—Spot goods firm and scarce at \$43 @ \$44 lb. with goods "when and if released" at \$41.00 lb. American, 60c@64c lb.

**Sarsaparilla Root**—Mexican firm at 22c@23c lb. spot, and Honduras scarce at 65c@70c lb. spot with one quarter inside at the maximum figure.

**Sassafras Root**—Select higher due to scarcity, and now quoted at 30c@32c lb. spot, and ordinary at 15c@17c lb.

**Senega Root**—In demand for export at 58c@59c lb. spot. London quotes 2s. 8d. per pound.

**Senna Pods**—Firm and active at 13c@14c lb. spot as to quantity.

**Spruce Gum**—In fair demand at \$1.00@\$1.50 lb. spot as to quality.

**Valerian Root**—Belgian has advanced sharply to 20c @30c lb. spot as to holder and quantity owing to scarcity and higher replacement costs. One direction attempted to replace, but could not at any price. The trade fears that nothing will be available for shipment before Spring. Offerings of German material last week were made at 13¼c lb. c.i.f. New York, but the early part of this week 15½c lb. was inside.

**Wahoo Bark**—Root firm and scarce at 86c@90c lb. spot, and tree at 35c@37c lb.

#### PREDICT HIGHER PRICES FOR DRUGS

"Prices on opium in September of last year stood here at \$8 per pound," says a report by the Committee on Drug Markets of the National Wholesale Druggists Association. "Codeine sulfate was quoted at \$6.80 per ounce; morphine sulfate, \$6.30 per ounce. When the smaller crop was confirmed, opium advanced to the present price of \$12 per pound, codeine moved up to \$7.75 per ounce and morphine to \$7.25 per ounce."

In the ether alcohol market, according to the report, "prices were of less importance than was the trouble and annoyance caused by the prohibition authorities, whose bureaucratic control and regulations hampered the legitimate withdrawal of ethyl alcohol. Wood alcohol was depressed through overproduction and shrunken consumption."

Cinchona bark cultivation in the Province of Tanganyika, Africa, is a possibility, according to the British Imperial Institute, which has received samples of the bark, and found it high in quinine. Already a consignment of three tons of bark has been exported to a quinine manufacturer in England at a satisfactory price.

Druchem Club, New York, held its holiday open-house on Tuesday, Dec. 30, from 12.00 until 3.00 p.m. About sixty members and guests were present for luncheon, and an equal number dropped in to visit with their friends in the trade. Music and entertainment were provided during lunch.

Sherlow Chemical Co., New York, held its third annual theatre party and banquet on Dec. 20. The firm with its employees saw a play by the Cherry Lane Players and adjourned to the Hotel McAlpin for a banquet and dance.

#### DR. RUSBY URGES PHARMACY RESEARCH

##### Suggests Exchange of Information With Professional Men in South America

Dr. H. H. Rusby, Dean of the School of Pharmacy, Columbia University, in a recent statement, urged more missionary work in tropical America, through the establishment and cultivation of mutually helpful relations with professional men in those countries. He said in part:

"Numberless pharmacists and other professional men in tropical America have interested themselves in the investigation of the problems that so abundantly present themselves in those regions, but find themselves handicapped by the insufficiency of libraries, laboratories, and apparatus. Through the medium of our Association plan, assistance could be given in these directions that would bring results otherwise impossible. On the other hand, our own investigators could derive the greatest assistance through the co-operation of tropical correspondents. What one of us has not found his investigations blocked by the need of some material or basic information that he had no means of securing and which could have been supplied had a proper correspondence organization existed, such as our proposed home might easily perfect? Not only might we thus be enabled to secure such information and material when the requirement arose in the course of an investigation, but there would doubtless be a continuous flow of such contributions, without solicitation, as soon as it was known that an organization existed for taking care of them."

Cultivation of medicinal rhubarb in Bavaria by the Experimental Station for the Cultivation of Technical and Official Plants has been undertaken on a small scale. This plant is believed to yield the Shensi rhubarb of commerce, and thereby renders the importation of the Chinese drug unnecessary. Over-production is impossible, as Germany imports about 150,000 kilos annually.

H. D. Huggan Drug Co., Boston, in its statement of its financial condition as of Sept. 31 last shows accounts receivable \$1,441, merchandise \$28,576, cash \$17,361, and good will \$74,242 as assets, and accounts payable of \$6,220, reserves \$17,750. The company is capitalized at \$99,900.

U. S. Industrial Alcohol Sales Co., Inc., Boston, reports as follows in a statement of its financial condition filed Dec. 5: Merchandise \$181,579, cash \$132,031, accounts receivable \$295,360, deferred \$110, vehicles \$7,655. Accounts payable \$608,160, 100 shares of no par value \$10,000, and reserves \$502.

Soap bark cut into chips is held correctly dutiable as a drug advanced in value, at the rate of 10 per cent ad valorem under paragraph 34, Act of 1922, in a ruling by the Board of U. S. General Appraisers, denying relief to McLaughlin-Gormley-King Co. The importers claimed free entry as a crude drug under paragraph 1567, Act of 1922.

The Drug and Chemical Club, New York, held its usual holiday entertainment Dec. 27. The entertainment consisted of a luncheon served from noon to 2.30 p.m., followed by a vaudeville performance.

Japan's camphor trade during 1924 was unsatisfactory owing to smaller exports to most foreign countries, notably the United States.

Cardamoms are grown in the mountainous districts northeast of Kandy, Ceylon, and at the present time about 7,000 acres are under cultivation.

## The Essential Oil Market

Current Spot Quotations of Essential Oils, page 2037, Aromatic Chemicals, page 2038

### OIL PEPPERMINT ADVANCES TO \$10.25 LB.

Country Sales Made at \$9.75 lb.—Oil Cassia Easier—  
Oil Wormseed Quiet—Oil Caraway Easy—Oil Berga-  
mot Primary Offerings Few—Oil Lemon Firm—Oil  
Orange Steady—Oil Java Citronella Scarce—Balsams  
Quiet

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Oil Almond, Sweet, 5c lb.	Oil Orange, Italian, 10c lb.
Oil Bergamot, Coppers, 5c lb.	Oil Peppermint, Nat'l., 50c lb.
Oil Lemon, Italian, 3c lb.	Redistilled, 50c lb.

#### Declined Oil Wormseed, 25c lb.

Trend of the Market							
	Today	Last Week	Last Month	Last Year	War Peak	Pre War	
Oil Bergamot .....	\$3.40	\$3.35	\$3.45	\$2.75	\$7.00	\$5.00	
Oil Citronella, Ceylon ...	.75	.75	.75	.95	1.02	.60	
Oil Cloves .....	2.00	2.00	2.10	2.50	3.70	1.40	
Oil Lemon, Italian .....	.97½	.95	.98	.72	1.70	2.00	
Oil Peppermint, Nat'l. ....	10.25	9.75	9.00	3.25	9.00	2.25	
Oil Sandalwood, E. I. ....	6.85	6.85	6.75	6.75	14.00	5.25	
Oil Sassafras Artif. ....	.35	.35	.35	.38	1.00	.26	
Benzaldehyde, U.S.P. ....	1.50	1.50	1.50	1.50	5.15	1.50	
Coumarin .....	3.25	3.25	3.25	4.50	31.00	3.10	
Methyl Salicylate, Cans. ....	.47	.47	.47	.47	1.00	.90	
Vanillin .....	.49½	.49½	.49½	.50	.95	.20	
Average .....	2.76	2.70	2.64	2.20	6.83	2.05	

With spot stocks small and with replacements of essential oils practically on a par with current selling values, the trade is expecting good business for the first quarter of 1925. Consuming stocks have been somewhat filled during the active buying of the last three months of 1924, but sellers think that consumers are not fully covered for any length of time, and that they will buy as soon as they have finished their inventories. Evidence of the smallness of consumers stocks has already been noted by the receipt of a large number of inquiries for essential oils. These "feelers" may not develop into business right away, but probably will before the end of the month. Immediately after the new year in 1924, a decided drop in the essential oil average price was noted, but within the two months that followed, sharp advances brought the average to where it was in January. Whether 1925 will duplicate the record of 1924, remains to be seen.

#### Essential Oils

**Oil Almond**—Holders quote a higher price of 85c@90c lb. spot as to seller with a few odd lots still named at 80c lb., but this figure is somewhat hard to do. Bitter at \$3.15@3.25 lb. spot, and fPA at \$3.25@3.50 lb.

**Oil Amber**—Rectified in small demand at 85c@90c lb. spot as to quantity.

**Oil Anise**—Lead free material is firm at 60c@62c lb. spot, and technical at 55c@57c lb. with prompt shipment named at 58c lb. laid down in New York. The market has been firm for some time past, but each time stocks become scarce, dealers are inclined to bring out some of the high priced oil, that was bought a few years ago.

**Oil Bay**—Quiet at \$2.20@2.35 lb. spot as to quantity.

**Oil Bergamot**—Coppers have advanced to \$3.40@3.80 lb. spot as to brand and seller with prompt shipment named at \$3.50 lb. laid down in New York. One source

is not offering at the moment. Buying for forward delivery reported light. Imports last week at New York were 50 cases.

**Oil Bois de Rose**—In fair demand at \$4.75@5.00 lb. spot as to seller and quantity. Stocks on spot are dull, and little is coming from France.

**Oil Camphor**—Demand small at 13½c@14c lb. spot for white Japanese in drums, and 14c@14½c lb. in cases.

**Oil Caraway**—Market is easy, and price is \$2.75@2.85 lb. spot as to quantity and seller. Buyers expect lower prices, and are, therefore, holding off buying. Last week 2 cases were imported at New York.

**Oil Cascarilla**—Quiet at \$50.00@52.00 lb. spot.

**Oil Cassia**—Market is easy, although price does not appear to recede. Quoted at \$2.70@2.90 lb. spot for redistilled, and technical nominal at \$2.10 lb. Last week 5 drums were imported at New York.

**Oil Cedar Wood**—Market firm at 80c@85c lb. spot as to seller with deliveries the last of this month at a slight concession. Supplies are both scarce on spot and in the country. Contract deliveries are being made from arrivals that have just come in. Export demand, while active, is mostly for small lots.

**Oil Citronella**—Ceylon firm at 74c@81c lb. spot in drums as to seller, and 77c@84c lb. in tins. Primary market is firm owing to the advance in exchange rates. As soon as buying takes on a more healthy aspect, sellers are looking for higher prices. Java is still scarce, and sellers are obtaining as high as \$1.60 lb. in drums for spot goods. Offerings are small from Java, in fact, a firm offer is unheard of.

**Oil Cloves**—Business confined to small lots at prices of \$2.00@2.10 lb. spot for cans, and \$2.20@2.30 lb. for bottles.

**Oil Coriander**—Quiet at \$10.75@11.00 lb. spot.

**Oil Eucalyptus**—Spot quoted steady at 57c@59c lb. in drums, and 59c@61c lb. in cases, with prompt shipment named at 45c lb. c.i.f. New York. Stocks in New York, while not heavy, are sufficient to take care of present demand.

**Oil Juniper Berries**—In active demand at \$1.85@2.00 lb. spot as to quantity.

**Oil Lavender**—U.S.P. is firm and active at \$5.25@7.50 lb. spot as to seller and quality. Spike named at \$1.10@1.75 lb.

**Oil Lemon**—Italian higher at 97½c@1.15 lb. spot as to seller and brand. American, 85c@90c lb.

**Oil Orange**—Italian firmer at \$2.85@3.10 lb. spot as to seller and brand with shipment named at \$2.47 lb. c.i.f. New York. West Indian, \$2.70 lb. spot, and American at \$2.75@2.80 lb.

**Oil Peppermint**—Natural has advanced and now quoted at \$10.25@10.75 lb. spot, and redistilled at \$10.75@11.25 lb. owing to higher prices in the country. Reports are heard that \$9.75 lb. has been freely paid in the country, and one large operator has paid as high as \$10.00 lb. The trade does not know whether he is short or is just attempting to advance the market to \$10.00 lb. Small lots on spot can probably be bought for \$9.75 lb., but for round lots the higher figures are inside.

**Oil Sandalwood**—East Indian firm at \$6.85@7.10 lb. spot as to seller and quality.

**Oil Savin**—In active demand at \$2.25@2.40 lb. spot.

**Oil Wormseed**—Has declined and now quoted at \$3.00 @ \$3.25 spot as to quantity owing to weakness of spot sellers. Country prices are not firm either.

**Oil Wormwood**—Firm and active at \$4.00@4.50 lb. spot.

#### Balsams

**Peru**—In small demand at \$1.95@2.05 lb. spot as to quantity.

**Tolu**—Importers report a quiet market at \$1.65@1.75 lb. spot.

#### Vanilla Beans

**Bourbon**—Firm though quiet at \$9.00@10.00 lb. spot as to quantity.

**Mexican**—Whole firm at \$11.00@12.00 lb. spot, and cuts at \$9.00@10.00 lb.

#### Aromatic Chemicals

**Acetophenone**—In fair demand at \$4.25@4.50 lb. spot as to seller. A small importation last week at New York was noted.

**Coumarin**—Makers report a quiet market at \$3.25@3.45 lb. spot, and resellers name \$3.25@3.30 lb.

**Diethyl Phthalate**—Fairly active at 35c@40c lb. spot in drums, and 40c@45c lb. in tins.

**Terpineol**—Domestic easy at 42c@49c lb. spot, and imported at 50c@55c lb.

**Vanillin**—Makers report an active demand at 49½c@51c oz. spot as to quantity. Resellers are inside at 47c@50c oz.

R. L. Witzleben, formerly manager of the Chicago office of Stanley Jordan & Co., New York, importers of Far Eastern products, has joined the sales' staff of Clarence Morgan & Co., Chicago, perfumers' raw materials.

Stafford Allen & Sons, London, distillers of essential oils and millers of drugs, have issued a thirty-page illustrated booklet to the trade, in which they give a resume of the foundation of the firm, with an account of their products.

Prof. Marston T. Bogart, of Columbia University, New York, will lecture on perfumery in the following cities: Cleveland, Jan. 20; Akron, O., 21; Ann Arbor, Mich., 22; Chicago, 23; Evanston, Ill., 24; and Madison, Wis., 27.

The Federal Trade Commission has lodged a complaint against Houbigant, Inc., New York, engaged in selling perfumes and toilet articles, on the ground that they are dictating retail prices to their customers.

F. W. Weiss has moved to 15-19 East 26th st., New York, care of Dieckerhoff, Raffloer & Co. The new telephone number is Madison Square 6920.

Exports of toilet preparations and perfumes from Switzerland for 1923 far exceeded the imports for the year. The United States bought less than half as much as during 1922.

Augustus L. Smith, recently associated with Eastern Magnesia Talc Co., of Vermont, died at his home in Brookline, Mass., Dec. 20. He was 62 years old.

C. W. Wiegmann, of Meht & Daniel Corp., New York, essential oils and crude drugs, was confined to his home, last week, by an attack of ptomaine poisoning.

"The Chemist and Druggist," of London, has issued a 1925 Diary to the trade. The volume contains 418 pages, and is bound in cloth.

### ESSENTIAL OIL DEMAND DECLINES

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Milan, Italy, Dec. 22.—Demand for products of the new harvest, especially bergamot oil, lemon juice and mandarin juice, has fallen off. A local demand for sweet and bitter orange has advanced prices for these juices. Prices are as follows:

	Nov. 10	Nov. 17	Nov. 24	Nov. 30
	Lire.	Lire.	Lire.	Lire.
Sweet orange oil .....	111-115	115-118	115-119	113-119
Bitter orange oil .....	105-110	107-112	107-113	107-113
Bergamot oil .....	174-180	170-176	168-174	168-174
Lemon juice .....	36-40	37-39	36-39	36-39
Mandarin juice .....	300-320	300-320	300-320	300-320

Quotations per kilo for other natural essential oils were as follows: Angelica root, 1,000 lire; angelica seeds, 1,300 lire; anis, 40 lire; eucalyptus, 37 lire; Roman chamomiles, 2,500 lire; Ceylon citronella, 60 lire; lemon-grass, 52 lire; petit grain, 260 lire; lavender, 275 lire.

Quotations per kilo for synthetic products used in perfumery are as follows: Benzyl acetate, 40 lire; citral, 150 lire; citronellol, 200 lire; crystallized coumarin, 240 lire; eucalyptol, 42 lire; eugenol, 175 lire; neroline, 38 lire; terpineol, 35 lire; thymol, 150 lire; vanillin, 100%, 340 lire; wintergreen, 36 lire.

### JAPAN HAS NEW PERFUMERY DUTIES

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Dec. 31.—According to a cablegram received by the State Department from the American Ambassador at Tokyo officials of the Japanese Foreign Office have stated informally that effective Dec. 31 the proportional ad valorem duties which were stipulated in the conventional tariff with France will be applied to articles of French origin coming within the scope of the luxury tariff.

The following ad valorem duties will therefore be levied on luxury articles imported into Japan from France, and from all other countries including the United States, entitled to the benefits of a conventional tariff: Perfumed soaps, 62.9 per cent; other soaps, 50.9 per cent; perfumed oils, fats and waxes and preparations thereof, 44.9 per cent; tooth powders, tooth washes, toilet powders and other prepared perfumeries, not otherwise provided for, 50 per cent.

### PREDICT OIL GERANIUM WILL GO HIGHER

Oil geranium, Bourbon, has decreased in price slightly due to the cheaper new crop goods coming on the market, according to the "American Perfumer & Essential Oil Review's" report from Grasse, which says: "A lessening in demand increased this drop, but the price seems to have become stable again, after several large orders reached the islands. An increase in the price is to be expected in the near future. Algerian geranium is extremely scarce and its market price is clearly on the rise. No oil will be available before the next cutting in May, so that the present stocks will not be sufficient to meet the demands. The oil lavender market may be regarded as closed, since nothing remains in first hands, except a few small lots of poor quality, which are nevertheless offered at very high prices. Buyers who were not wise enough to lay in stocks a few months ago, will now have difficulty in finding goods to suit them, unless their customary suppliers have foreseen their demands, and have laid aside some good oil for them."

Exports of oil citronella from Ceylon during the ten months ending Oct. 31 were 1,131,378 pounds, of which the United States received 491,377 pounds and United Kingdom 383,821 pounds, compared with 949,428 pounds for a like period in 1923, of which the United States received 525,530 pounds and United Kingdom 290,978 pounds.



## Drug Consuming Industries

### MERCURY IS HIGHER IN ANTWERP

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Antwerp, Belgium, Dec. 20.—The feature of the fine chemical market has been the rapid recovery of mercury, quoted now £12.7.6 per flask, with prospects of further increase.

Botanicals are quite firm. A good quality Roman chamomile is now selling at 11c per lb.; Burdock root 7½c per lb.; Marshmallow root 21c per lb.; Doggrass root, cut, 9c per lb. free on rail growers district.

Valerian root has reached a high price although the crop has been quite satisfactory. Apparently some speculation is going on, and a drop may take place early next year. At present sellers are asking about 12c per lb.

Rates of Exchange: One pound sterling equals 95.15 Belgian francs. One American dollar equal 20.30 Belgian francs.

A new plant at Recife, Brazil, will manufacture absolute alcohol, chlorate of lime, and soap powder. Preparations will then be made for the manufacture of sulfuric acid, hydrochloric acid, acetic acid, soda, glycerin, carbon tetrachloride, superphosphates and other chemicals, writes Consul Fred. C. Eastin, Pernambuco. The name of the firm may be obtained by application to the Chemical Division, Bureau of Foreign and Domestic Commerce, Washington, D. C.

The only chemical products shipped from the Union of South Africa to the United States in 1923 were buchu leaves, whale manure, and argols, says Lloyd A. Nolan, of the Chemical Division, Department of Commerce. American receipts of buchu leaves from South Africa in 1923 are recorded as 154,068 pounds, valued at £20,975, or an increase of slightly over 100 per cent compared with 1922. Argols exported to the United States from South Africa reached 42,894 pounds. None was shipped in 1922. Exports of whale manure to America from the Union fell off from 7,864,193 pounds, worth £30,412, in 1923, to 731,680 pounds, valued at £3,321, in 1922.

The use of insecticides, fumigants, and disinfectants for the extermination of insects, rats, and all kinds of vermin is compulsory in the Union of South Africa. The total imports during 1923 reached £117,914, compared with £91,287 in 1922. Of this amount arsenite of soda accounted for £48,690 in 1923 and £26,788 in 1922, all of which came from the United Kingdom. The United States trade in insecticides is growing, the value of receipts from this source having risen from £978 in 1922 to £2,395 in 1923.

Hydroxychlorophenolmercury sulfate is the name of a seed disinfectant and plant stimulant manufactured by The Bayer Co., New York, under the name of "Uspulun."

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## NOVEMBER IMPORTS OF MEDICINALS

(Continued from Page 2001)


Name of Chemical	Quantity Pounds	Name of Chemical	Quantity Pounds	Name of Chemical	Quantity Pounds
Dianil developer O	25	Fast red salt 3 GL	100	Novadelex—nc	22,046
Dianisidine base	441	Fast red salt B	100	Ortol	75
Diphenyl black base I	700	Fast red salt GL	100	Phenyl-2,3-dimethyl-4-aminopyrazolon	5,000
Disinfectant		Fast scarlet salt GG	100	Phloroglucin (free from diresorcin)	20
Dissolving salt B	500	Fast scarlet salt R	600	Physostigmine salicylate—c	
Eikenogen	6	Fast yellow salt G	100	Potassium sulphoguaiacolate—nc	980
Epinine—c	(115 C.C.)	Guaiacol carbonate—nc	460	Quinine salicylate—c	
Fast black LB base	100	Guaiscol liquid—nc	1,102	R-salt	706
Fast garnet GBC base	100	Hydroquinone developer	2	Resorcin, technical	7,840
Fast garnet GC base	100	Hydroxyphenylethylamine	4	Rcdinol	688
Fast orange GC base	100	Iodide and salicylate—c		Kubinic acid	550
Fast orange GR base	100	Lonodin	529	Seriodit MLB	25
Fast red B base	100	Menthofax—c	10	Sodium salicylate—c	36
Fast red GL base	100	Methyl p-aminophenol	400	Sodium salicylate and potassium bi-	
Fast red KB base	25	Mesuroil	1	carbonate—nc	
Fast red 3 GL base spec.	100	Methylphenyl pyrazolon	60	Solvenol	100
Fast red RL base	100	Naphthol AS BO	100	Sugarin	500
Fast scarlet G base	25	Naphthol AS BS	25	Sulfarsenol—c	
Fast scarlet RC base	25	Naphthol AS G	100	Tounastrol GO	500
Fast yellow GC base	100	Naphthol AS RL	100	Tutocain	
Fast blue salt B	100	Naphthol AS SW	100	Uraseptine—nc	
Fast orange salt G	100	Nitrazol CF	80	Yellow developer C	1,102
		Nitrobenzaldehyde	3		

Fewer drug stores and higher requirements for proprietors of drug stores were urged by Dean Wortley F. Rudd, of the department of Pharmacy, University of Virginia, in an analysis of conditions made public by the American Pharmaceutical Association. He pointed out that in many of the States there were too many drug stores which fact was caused by having more schools than necessary and the absence of prerequisite laws governing the entry into the schools. This causes the number of potential proprietors to increase out of proportion to the need.

The import duty on bay rum in Panama manufactured with denatured alcohol, formaldehyde, salicylate of soda, or any other poisonous substances, is now 20 cents per

liter, according to a decree effective Oct. 20, 1924. This duty is the same as that fixed by the Fiscal Code of Aug. 22, 1916, and replaces the duty of \$1.80 per liter established by a decree of Nov. 15, 1922, which classified bay rum as an alcoholic liquor. In addition, imported bay rum is subject to a consumption tax.

Patent medicines are in large demand in Central Europe, articles being sold freely that would not pass scrutiny in America, according to A. O. Schmidt, a leading manufacturer of San Francisco, who has returned from a six months' trip in Europe. American lines that sell freely in this country also find a ready market throughout Europe, he says.



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# Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

**CLASSIFICATION**—Prices quoted herein are listed in the following groups: Chemicals, including heavy and technical chemicals, fine and medicinal chemicals, aromatic chemicals and isolates, crudes and intermediates from coal-tar, various fine alkaloids and miscellaneous products; Crude Drugs, Essential Oils, including oleoresins; Fatty Oils, including Animal, Vegetable and Fish Oils, Greases, Fats, and Tallow; Tanning and Dye Extracts, including miscellaneous natural tanning woods, extracts, etc. All groups are arranged in straight alphabetical order.

**Packages**—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

**QUOTATIONS**—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District,

f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

**WEIGHTS AND MEASURES**—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	— .833	Imperial Gallon
1 American Gallon	—3.79	Liters
1 Liter	— .264	American Gallon
1 American Gallon (Water)	—8.35	Pounds
1 Pound (Avoirdupois)	— .454	Kilogram
1 Kilogram	—2.20	Pounds

Style and Arrangement Copyright by DRUG & CHEMICAL MARKETS, 1922

## Chemicals

<b>ACETANILID</b> , tech. 150 lb bbls. lb	.28	.28	<b>Acid Carbolic</b> —(continued)			<b>Acid, hydrofluoric</b> —(continued)		
100 lb kgs. ....	.37	.30	Liquid USP, 1 lb bot. ....	.34	.35	60% 100 lb chy., wks. ....	.14	
USP 200 lb bbls. ....	.36	.38	Crude, 25% 50 gal. bbls. gal	.33	.35	60% 300 lb dr., wks. ....	.18	
Second Hands. ....	.35	.36	10% 50 gal. bbls. ....	.27	.30	White Acid, 100 lb chy. wks. ....	.26	
85-89% 107 lb chy. ....	.38	.40	Carbonic, see Carbon Dioxide			White Acid, 10 chy. wks. ....	.25	
Acetic Anhydride. ....	...	...	Chloracetic, ....			Hydrofluosilicic, 35% 450 lb bbls.		
90-95% 100 lb chy. ....	.41	.45	mono 100 lb bbls. wks. ....	...	.25	wks. ....	.13	
CP, 100 lb chy. ....	.75	.80	DI, 150 lb chy. wks. ....	...	1.00	Hypophosphorous, USP 30% 5		
Acetone, CP 700 lb drs. c/l wks. lb	...	.12½	Tri, 425 lb bbls. wks. ....	...	2.50	gal. demis. ....	.35	
700 lb drs. l/c/ wks. ....	...	.13	Chlorosulfonic, 1500 lb drs.			USP, 10% 5 gal. demis. ....	.30	
350 lb drs. l/c/ wks. ....	...	.13½	wks. ....	.15	.16	LACTIC, 22% dark 500 lb bbls. lb	.05½	.06
Second Hands, spot ....	...	.35	Chromic, USP 200 lb drums. lb	...	.40	22% light, bbls. ....	.06½	.07
Acetone Oils, light, drs. wks. gal	1.40	1.45	85% Pure, 200 lb drums. lb	...	.55	44% dark, bbls. ....	.11½	.12
Heavy, drs., wks. ....	1.40	1.45	Chromotropic, 300 lb bbls. lb	...	1.35	44% light, bbls. ....	.13½	.14
Acetophenetidin, 150 lb bbls. lb	1.85	1.90	Chrysophanic, see Chrysarobin			68% dark, bbls. ....	.18½	.19
Acetyl Chloride, 100 lb chy. lb	.40	.41	Cinnamic, 5 lb cans. ....	...	3.95	68% light, bbls. ....	.28	.30½
ACID, 1, 2, 4, 250 lb bbls. lb	...	1.30	CITRIC, USP cryst. 230 lb bbls. lb	...	.46	USP IX 100 lb chy. ....	...	.80
Acetic, 25% 400 lb bbls. c/l			Powd., USP, 200 lb bbls. lb	...	.47	USP VIII 100 lb chy. ....	...	.75
wks. ....	...	3.12	Imported, crys. 112 lb kgs. lb	...	.46½	Laurent's, 250 lb bbls. ....	...	.90
28% l/c/ wks. ....	...	3.37	Single kgs. ....	...	.47	Metanilic, 250 lb bbls. ....	.60	.65
56% c/l wks. ....	...	5.85	Cleves, 250 lb bbls. ....	1.00	1.10	Mixed, sulfuric-nitric		
56% l/c/ wks. ....	...	6.10	Cresylic, 95% dark dr. NY. gal	.65	.60	Drums, wks. ....	.07½	.08
70% bbls. c/l wks. ....	...	7.20	97-99% pale, dr. NY. gal	.60	.65	Drums, wks. ....	.01	.01½
70% l/c/ wks. ....	...	7.45	Crude, spot, drums. ....	...	...	Tank cars, wks. ....	.06½	.07
80% coml. bbls. c/l wks. 100 lb	...	8.19	Diethylbarbituric, Dom., 25 lb lots			Tank cars, wks. ....	.009	.01
80% coml. l/c/ wks. 100 lb	...	8.44	1 lb bot. ....	8.00	9.00	Molybdic, 85% pure 100 lb kgs. lb	1.35	1.60
80% pure bbls. c/l wks. 100 lb	...	9.93	Imp. 10 lb kgs. ....	4.25	4.50	100% C.P. 100 lb kgs. ....	2.00	2.10
80% pure l/c/ wks. ....	...	10.28	Formic, 85% tech. 140 lb chy. lb	.10½	.11	Monosulfonic F, Delta, 50 lb		
Glacial, bbls. c/l wks. ....	...	11.01	90%, 80 lb chy. incl. ....	.11	.11½	tins. ....	...	2.10
Glacial, l/c/ wks. ....	...	11.28	Gallie, USP, 150 lb bbls. ....	...	.70	<b>MURIATIC</b> , 20° chy. l/c/		
Glacial USP chy. wks. ....	...	11.76	Gamma, 225 lb bbls. wks. ....	1.40	1.50	wks. ....	1.60	1.75
Acetylaldehyde, 220 lb bbls. lb	.75	.85	Glycerophosphoric, 25% 1 lb. b. lb	1.85	1.95	Chys. c/l wks. ....	1.20	1.25
Second Hands. ....	.72½	.75	H 225 lb bbls. wks. ....	.72	.75	Tank cars, wks. ....	1.00	1.10
Anthranelle, tech., drs. ....	...	.94	Hydriodic, 10% USP 5 lb bot. lb	...	.75	18°, 120 lb chy.		
99-100%, 100 lb drs. ....	...	1.00	Hydrobromic, 48% coml. 155 lb			c/l wks. ....	1.00	1.10
Benzole, tech. 100 lb bbls. ....	...	.75	chy. wks. ....	.45	.48	Tank cars, wks. ....	...	...
Tech. ton lots bbls. ....	...	.70	48% coml. 10 chy. wks. lb	...	.45	22°, 120 lb chy.		
USP, 100 lb bbls. ....	.75	.75	40% USP 155 lb chy. wks. lb	...	.55	c/l wks. ....	1.75	2.00
Second Hands. ....	.70	.75	10% USP 100 lb chy. wks. lb	...	.13	Iron, free 20° chy.		
Boric, crys. powd. 250 lb bbls. lb	.10	.09½	Hydrochloric, see also Acid Muriatic			c/l wks. ....	...	...
Keps, 100 lb ....	...	1.35	CP, USP, 110 lb chy. ....	.08	.11	Tank cars, wks. ....	...	...
Brownner's 250 lb bbls. ....	...	.40	HYDROFLUORIC, 30% 400 lb bbls.			Muriatic, CP & USP, see Acid Hydrochloric		
C.P. 10 lb bot. ....	1.25	1.50	wks. ....	...	.07	Naphthalene, tech. 250 lb bbls. lb	...	.63
Camphoric USP, VIII 1 lb bot. lb	5.90	6.00	30% bbls. c/l wks. ....	...	.06	Refined, single bbls. ....	...	.65
Carbolic, USP crys. see also Phenol			30% 100 lb chy. wks. ....	...	.07	Neville & Winter's, 250 lb		
112 lb tins. ....	.26	.27	48% single 100 lb chy. wks. lb	...	.11	bbls. ....	1.00	1.05
25 lb tins. ....	.28	.29	48% 10 chy. wks. ....	...	.10			
5 lb tins or bot. ....	.30	.32	52% 100 lb chy. wks. ....	...	.14			
1 lb bot. ....	.35	.36	52% 10 chy. wks. ....	...	.11			

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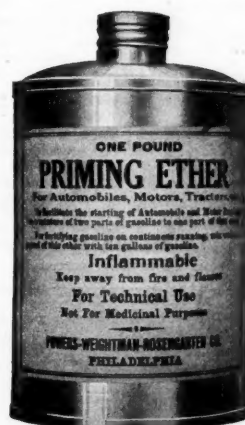
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## Chemicals

## ACID, NITRIC, 36° 135D

le/l chys. wks....100D	4.75	: 5.35
Chys. c/l wks....100D	4.50	: 4.75
38° le/l chys. wks....100D	5.25	: 5.75
Chys. c/l wks....100D	5.00	: 5.25
40° le/l chys. wks....100D	5.75	: 6.00
Chys. c/l wks....100D	5.50	: 5.75
42° le/l chys. wks....100D	6.25	: 6.75
Chys. c/l wks....100D	6.00	: 6.25
C. P. chys. single wks....100D	.13	: .16
Oxalic, 300D bbls. wks....D	.09½	: .09½
Bols. NY	.09½	: .10
Keps. 100D NY	.10½	: .11
Imp. 560D casks	...	: .09½
Phenylchloride, domestic	5.20	: 9.00
Imported, 5 lbs.	7.00	: 7.25
Phosphoric, 50% tech, 150D		
chys.	.07	: .08
USP. Spray 85°, 70D		
demis	.15	: .17
Imported		
Second Hands	.15	: .16
Phthalic, see Phthalic Anhydride		
Pieramic, 300D bbls.	...	: .65
Pieric, 450D bbls.	...	: .80
Bbls. car lots wks....D	.20	: .25
Pyrogallic, crys. 5D cans	1.25	: 1.50
Resublimed, 5D cans	1.55	: 1.65
Tech. powd., 200D bbls.	...	: .85
Salicylic, tech., 125D bbls.	.33	: .34
USP, 100D bbls.	.32	: .33
Second Hands	.32	: .33
Sulfanilic, 250D bbls.	.16	: .20
SULFURIC, 66° 180D chys.		
le/l wks....100D	1.50	: 1.85
Chys. c/l wks....100D	...	: 1.35
1800D Drums, le/l		
wks....100D	...	: 1.25
Drums, c/l wks....100D	...	: 1.10
Tank cars, wks....net ton	...	: 14.00
60° 1500D Drums		
le/l wks....100D	.75	: 1.00
Drums, c/l wks....100D	.65	: .75
Tank cars, wks....net ton	9.00	: 9.50
C. P. 175D chys....100D	.08	: .09

## ACID, Sulfuric

Oleum 20 p.c. 1500D drums		
le/l wks....100D	1.50	: 1.75
Drums, c/l wks....100D	1.25	: 1.50
Tank cars, wks....net ton	17.00	: 18.00
Contract cars, wks	ton	...
Oleum, 40% drs le/l wks.net ton	...	: 40.00
Oleum, 50% drs., le/l wks.net ton	...	: 60.00
Sulfurous, USP 6% 100D chys. D	.05	: .06
4% 100D chys.	.04	: .05
USP. 5 gal. demis	.06	: .08
Tannic, tech. 300D bbls.	.30	: .40
USP, powd 200D bbls.	.75	: .80
USP, fluffy, 50D bbls.	.75	: .80
Tartaric, USP cryst 300D bbls. D	...	: .29
USP, powd, 300D bbls.	...	: .29
Imp. USP, 240D bbls.	.27	: .27½
Pow., 240D bbls.	.27	: .27½
Telluric, 250D bbls.	...	: .85
Tungstic, 100D kegs	...	: 1.00
Valeric, C.P., 10D bot.	2.50	: 2.75
Acetic, 100D kegs	...	: 30.00
Amorphous, 1 oz. vis.	...	: 20.00
Acetic, 100D kegs	...	: 30.00
Amorphous, 1 oz. vis.	...	: 20.00
Alumina, 350D bbls.	.15	: .21
Anhydrous, 350D bbls.	.18	: .23
Albumen, Egg, edible	...	: 1.35
Blood	.45	: .50
Vegetable	.60	: .70
Technical, see Dyers Sundries		
ALCOHOL USP 190 pf. 50 gal.		
bbls.	4.92	: 5.01
Second Hands, bbls, USP 190		
pf		
Export, USP, 190 pf.	.60	: .85
Cologne Spirit, 50 gal. bbls.gal	5.00	: 5.10
WOOD, see Methanol		
Alcohols also in 50 gal.		
drums extra and returnable.		
Butyl, 50 gal. drums, wks....D	...	: .28
Tank cars, wks....D	...	: .26
Isobutyl, crude 50 gal. drums.gal	...	: .26
Refined, 10 lb can	1.10	: 1.20

## ALCOHOL—(continued)

Isopropyl, Refined, 90-91%.		
50 gal. drs.	...	: 3.75
Ref'd, 98-99% drs.	...	: 4.75
Methyl, see Alcohol Wood		
Propyl nml. crd. 50 gal. drs.gal	...	: 4.40
Refined, 10 lb cans	...	: .75
Denatured		
No. 1, Complete Denat. 190 Proof		
50 gal. bbl. incl.	.65½	: .67½
Car lots	...	: .63½
50 gal. drums, extra	.58½	: .60½
Car lots	...	: .56½
No. 1, Special Denat. 190 Proof		
50 gal. bbl. incl.	.64½	: .66½
Car lots	...	: .62½
50 gal. drums, extra	.57½	: .59½
Car lots	...	: .55½
No. 5, Complete Denat. 188 Proof		
50 gal. bbl. incl.	.63½	: .65½
Car lots	...	: .61½
50 gal. drums, extra	.56½	: .58½
Car lots	...	: .54½
No. 6, Complete Denat. 188 Proof		
50 gal. bbl. incl.	.62½	: .64½
Car lots	...	: .60½
50 gal. drums, extra	.55½	: .57½
Car lots	...	: .53½
In addition to the regular authorized formulae for completely denatured alcohol, some 15 formulae for specially denatured alcohol are authorized for special use. Owing to the limitations of their use however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept of Internal Revenue		
Alcoln, USP, 100 lb cases	.88	: .90
Alpha-Naphthol crude 500D bbls. D	...	: .65
Refined	...	: .80
Alpha-Naphthylamine, 350D bbls. D	.35	: .37
Ton lots, bbls. wks.	...	: .35

## General Chemicals

A MARK OF PLEDGED RESPONSIBILITY

GENERAL CHEMICAL COMPANY

ON PRODUCTS OF STANDARD MERIT

## Salt Cake

Sulphuric Acid

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Epsom Salt

Hydrochloric Acid

Mixed Acids

Nitric Acid

Ammonia Alum

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## Chemicals

<b>ALUM</b> , Ammonia, lump 400 lb bbls.			<b>AMMONIA</b> , anhyd. 100 lb cys....			<b>AMMONIUM</b> —(Continued)		
Wks. 1e/1	100 lb	3.15 : 3.75	Water, 26° 800 lb drs. wks....	...	.06%	Persulfate, 112 lb cases....	.35	.40
Imp., 500 lb casks....	100 lb	...	Dra. c/1 wks....	...	.06%	Phosphate, dibasic 200 lb bbls. b	...	.32
Ground, 400 lb bbls. wks. 100 lb	...	3.30 : 4.00	C.P., chys. ....	...	.14	Tech., powd. 325 lb bbls....	...	.12
Powd. 380 lb bbls. wks. 100 lb	...	3.45 : 4.25	Imp., 800 lb drs. incl. spot. b	...	.06%	Phosphate, mono, 325 lb bbls. b	...	.12%
Chrome 500 lb cks. wks. 100 lb	...	5.50 : 6.00	26° 100 lb chys. 1e/1 wks. b	...	.07%	Sulfolate, USP 100 lb kegs....	.75	.80
Potash, lump 400 lb bbls.	...	...	Chys. c/1 wks. ....	...	.07%	Sulfate, bulk, c/1 wks....	100 lb	2.75 : 2.80
Wks. ....	100 lb	3.30 : 3.75	20° 800 lb drs. c/1 wks. b	...	.05%	200 lb single bgs. c/1 wks. 100 lb	...	2.90
Bla. c/1 wks....	100 lb	...	Chys. 1e/1 wks....	...	.08%	200 lb double bgs. f.a.s. 100 lb	...	3.00
Imp. 650 lb cases s.p....	100 lb	3.00 : 3.20	18° 800 lb drs. c/1 wks. b	...	.04%	Sulfocyanide, tech., 100 lb kegs. b	.50	.60
Ground 400 lb bbls. wks. 100 lb	...	3.25 : 3.75	Chys., 1e/1 wks....	...	.05%	CP, 25 lb jars ....	.60	.70
Imp. 650 lb casks....	100 lb	2.50 : 2.75	16° 800 lb lds. c/1 wks. b	...	.04%	Amyl Acetate, tech. 50 gal. drs. gal	3.25	3.50
Powd., 380 lb bbls. wks. 100 lb	...	3.50 : 4.25	Chys., 1e/1 wks....	...	.05%	Refined, 50 gal. drums....	3.90	4.20
Chrome, 500 lb cks wks. 100 lb	...	5.50 : 6.00	Ammonium Acetate, 100 lb kegs. b	...	.37	Alcohol, see Fuel Oil	...	...
Soda grd. 400 lb bbls. wks. 100 lb	...	4.00	Benzonate, USP, 1 lb bot....	.90	.95	<b>ANILINE OIL</b> , 900 lb drs....	.16	.17
Bbls. c/1 wks....	100 lb	3.50	Bifluoride, 300 lb bbls....	.22	.23	Aniline Salt, 200 lb bbls....	.20	.23
Aluminum, metal, c/1 NY....	100 lb	27.00 : 28.00	100 lb kegs ....	.23	.24	Anthracene, 80-85%, 600 lb casks	...	...
Chloride, anhyd. 275 lb drs. b	...	.20 : .22	Bromide, 50 lb boxes ....	.54	.55	Wks. ....	.80	.85
Crystals, 375 lb bbls....	...	.06%	Imported, 112 lb boxes....	.50	.53	Anthraquinone, subl. 125 lb bbls. b	1.00	1.15
30% sol. 120 lb chys....	...	.03%	Carb., tech. 560 lb casks....	...	.08%	Antimony metal, slate ton lots. 100 lb	.16%	.16%
Hydrate 96% light 90 lb bbls. b	...	.17 : .18	Powd., tech. 385 lb bbls. b	...	.09	Needle Powd., 100 lb cases....	...	.09%
Heavy 82-84%, 220 lb bgs. b	...	.06 : .06%	USP, lump, 100 lb kegs....	.12%	.13%	<b>ANTIMONY CHLORIDE</b> , anhyd 1000 lb	...	...
400 lb bbls, wks....	...	.06%	Powd., 100 lb kegs ....	.11%	.12	dra. ....	...	.35
<b>SULFATE</b> , Iron-free bags c/1	...	...	Chloride, Domestic	...	...	50 lb crocks ....	.45	.48
Wks. ....	100 lb	...	White, 250 lb bbls., c/1....	...	.07%	Sol'n, 130 lb carbonyl 53°... b	...	.06
Bbls. c/1 wks....	100 lb	2.15	250 lb bbls., 1e/1 wks....	...	.07%	<b>Oxide</b> , 500 lb bbls....	...	.11
Imported, spot ....	100 lb	2.00	Imp. wh. 250 lb casks spot. b	...	.06%	Salt, dom. 500 lb bbls....	...	.25
Comm'l. 1/2% iron bgs c/1	...	...	Gray 250 lb bbls, wks....	...	.08%	Imp., NY ....	...	.19
Wks. ....	East 100 lb	1.40	Bbls., c/1 wks....	...	.07%	Sulfuret, golden 500 lb bbls....	...	.21
Cont. bgs. c/1 wks. E. 100 lb	1.35	1.40	Imp. gray 250 lb casks....	...	.07%	336 lb kegs ....	...	.19
Bags, c/1 wks. W....	100 lb	1.40	Lump, 500 lb casks spot....	.12	.12%	Crimson, 500 lb bbls....	...	.38
Bbls., c/1 wks. East....	100 lb	1.55	Ichthyolate, as to brand....	4.85	5.00	336 lb kegs ....	...	.36
Bulk, c/1 cont. wks. E. 100 lb	...	1.50	Iodide, USP, 25 lb jars....	...	5.20	Red, 500 lb bbls. ....	...	.45
<b>Amidol</b> , (see Diaminophenol)	...	...	Lactate, 500 lb bbls....	.15	.16	336 lb kegs ....	...	.42
Amidopyrine, Imp. 10 lb boxes....	4.75	4.85	Nitrate, tech. crys. 225 lb bbls. b	...	...	Tartroacetate, 500 lb bbls....	...	.45
Domestic, 10 lb boxes ....	4.60	4.75	Refined Crystals, bbls....	.21	.23	Antipyrine, USP, 100 lb cases....	1.90	2.00
Aminooazobenzene, 110 lb kgs....	...	1.15	CP gran. 100 lb kegs....	.35	.37	Apomorphine Hydrochloride, 1/4 oz. vls. oz	...	22.75
			Oxalate, pure, 100 lb kegs....	.40	.42	Arecoline Hybromide, 1 oz. vial. oz	6.25	7.82
						Argols, red powd., 350 lb bbls. b	.06	.07

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## Chemicals

Arsenic, metal, 220 lb kegs.....lb	..	: .45	Benzidine Base, dry 250 lb bbls. lb	.78	: .80	BISMUTH—(Continued)		
Red, 224 lb kegs cases.....lb	.15	: .15%	Benzidine Sulfate, paste 350 lb			Subiodide, 5 lb lots.....lb	..	: 4.00
White, 220 lb cases to 550 lb			bbls.....lb	.70	: .72	Subnitrate, USP, 25 lb jars.....lb	..	: 2.15
bbls., NY.....lb	.06%	: .06%	Benzol, see Benzene			Second Hands.....lb	..	: 2.15
Asbestos, c/l.....ton	18.00	: 18.00	Benzonaphthol, 5 lb boxes.....lb	3.50	: 3.60	Cones, 1 lb bot.....lb	..	: 3.15
lc/l.....ton	20.00	: 22.00	Benzoyl Chloride, 500 lb dra.....lb	..	: 1.00	Subsallylate, USP, 175 bbls..lb	..	: 2.40
Aspirin, see Acid acetylsalicylic			Benzyl Acetate, 100 lb clys.....lb	1.55	: 1.75	Tannate, 1 lb bot.....lb	..	: 2.05
Atropine, Alk. USP, 1 cu. vial....cs	5.00	: 5.57	Alcohol, 5 lb bot.....lb	1.45	: 1.55	above on basis 25 lb lots.		
Sulfate, 5 cu. cans.....cs	..	: 2.75	Benzoate, 5 lb bot.....lb	1.60	: 1.75	Smaller lots at an advance.		
Single ounce.....cs	..	: 2.92	Medicinal FFC.....lb	1.75	: 2.00	Blanc Fixe, dry 400 lb bbls. wks. ton	75.00	: 56.00
BARIUM BINOXIDE, see Barium chloride			Chloride, 95% tech. 925 lb dra. lb	..	: .25	Imported, bbls. ....ton	70.00	: 72.00
Carbonate, precip., 800 lb bbls.			100 lb clys.....lb	.25	: .30	Paste, 650 lb bbls.....ton	50.00	: 55.00
Wks.....ton	68.00	: 70.00	Redistil. 160 lb clys.....lb	.40	: .45	BLEACHING POWDER, 700 lb dra.		
Precip., 200 lb bbls., wks.....ton	64.00	: 66.00	Formate, 1 lb bot.....lb	3.00	: 3.25	c/l wks.....100 lb	..	: 2.00
Imports, bbls., wks.....ton	52.00	: 54.00	Berberine Hydrochloride, 1 lb bot.....lb	..	: 22.50	Drums lc/l ex-warehouse.....100 lb	2.35	: 2.60
Chloride, 800 lb bbls., wks.....ton	70.00	: 72.50	Sulfate, acid or neut. 1 lb bot.....lb	..	: 22.00	Contract, c/l wks.....100 lb	1.90	: 2.15
200 lb bbls., wks.....ton	70.00	: 72.50	BETA-NAPHTHOL, 350 lb bbls. wks. lb	.24	: .25	Drums, lc/l wks.....100 lb	2.15	: 2.40
Import, bbls., spot.....ton	61.00	: 63.00	Carlots, wks.....lb	..	: .23	Imported, spot.....100 lb	..	: .
Dioxide, 88% 690 lb dra.....lb	.17	: .18	Sublimed.....lb	.55	: .60	Blue Ointment, see Mercury		
Import, 86-88% 400 lb dra. lb	..	: .15	Beta-Naphthylamine, tech. 200 lb			Moss, see Mercury		
Hydrate, 500 lb bbls.....lb	..	: .05	bbls.....lb	.65	: .67	Bone Ash, 100 lb kegs.....lb	.06	: .07
Iodide, 5 lb box.....lb	..	: 5.15	Sublimed, 200 lb bbls.....lb	..	: 1.35	Black, 200 lb bbls.....lb	..	: .06
Nitrate, 700 lb casks.....lb	..	: .10	Bichloride Mercury, see Mercury Bichloride			Borax, USP, crys. 400 lb bbls..lb	.05%	: .06%
Import casks.....lb	.07%	: .08	EISMUTH metal, 150 lb cases.....lb	..	: 1.35	Powdered, USP, 300 lb bbls..lb	.05%	: .05%
Sulfocyanide 400 lb bbls.....lb	..	: .35	Second Hands.....lb	..	: 1.35	Kegs, USP, 100-150 lb.....lb	.05%	: .06
Sarytes, floated 350 lb bbls wks. ton	23.00	: 26.00	Ammon. Citrate, USP 5 lb bxs. lb	..	: 5.15	Bordeaux Mixture, 16% pd. bbls. lb	.11%	: .18
Imported.....ton	29.00	: 32.00	Betansaphthiolate, 5 lb bxs.....lb	..	: 2.65	Paste, bbls.....lb	.08	: .10
Say Rum, Porto Rican, genuine			Citrate, USP 5 lb bxs.....lb	..	: 2.35	Borazol. 1 lb bot.....lb	..	: 3.50
Medicated salicy. acid or tartar			Nitrate, 25 lb jars.....lb	..	: 1.50	Bromide, see potass. bromide, etc.		
45 gal. bbls.....gal	.95	: 1.05	Oxychloride, 25 lb bxs.....lb	..	: 2.85	Bromine, bot. in 50 lb ca. wks..lb	..	: .46
Medicated quinine sulf. 45 gal.			Phenolsulfonate, 5 lb cans.....lb	..	: 2.50	Bromobenzene, 600 lb drums.....lb	.40	: .43
bbls.....gal	.95	: 1.05	Sallylate, 25 lb bxs.....lb	..	: 1.55	Bromoform, USP 5 lb bot 50 lb cs. lb	..	: 1.65
Domestic synthetic, 50 gal.			Subcarbonate, USP, 25 lb bxs..lb	..	: 2.65	Brucine Sulfate, 100 cu.....cu	.15	: .25
bbls.....gal	.85	: .90	X-Ray diag. 1 lb bot.....lb	..	: 3.00	Butter of Antimony, see Antimony Chloride		
St. Thomas			Subgallate, USP, 25 lb bxs.....lb	..	: 2.10	Butyl Acetate, 100 gal. drums..gal	2.40	: 2.50
Medicated salicy. acid or tartar						CADMIUM, metal 100 lb bxs.....lb	.95	: 1.00
emetie, 50 gal. bbls.....gal	1.05	: 1.10				Bromide, 50 lb cases jars.....lb	..	: 1.20
Benzaldehyde, tech. 945 lb dra.						Iodide, 10 lb bot.....lb	..	: 4.45
Wks.....lb	.70	: .75				Sulfide, ca.....lb	1.50	: 1.60
USP. 40 lb clys.....lb	1.40	: 1.50						
FFC. 40 lb clys.....lb	1.50	: 1.65						
SENZENE, 90% 8000 gal. tanks								
Wks.....gal	..	: .23						
110 gal. dra., wks.....gal	..	: .38						
Pure Tanks, wks.....gal	..	: .25						
110 gal. dra. wks.....gal	..	: .30						

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## Chemicals

<b>CAFFEINE ALK.</b> USP 5 lb cans. . . . .	3.50	: 3.75	<b>CAMPOR.</b> Amer. ref: 250 lb . . . . .	.80		Chalk, drop 175 lb bbls. . . . .	.03 1/4	
Second Hands . . . . .	3.50	: 3.60	bbls. . . . .	.81 1/4		Precip. light 250 lb cks. . . . .	.04 1/4	: .04 1/4
Hydrochloride, 1 lb bot. . . . .	6.05	: 6.55	2 1/2 lb slabs, 100 lb cs. . . . .	.81 1/4		Precip. heavy 560 lb cks. . . . .	.03 1/4	: .04
Sulfate, 1 lb bot. . . . .	5.40	: 5.90	1 lb cakes, 100 lb cs. . . . .	.81 1/4		Bulk . . . . .	5.00	: 8.00
Citrate, 25 lb cans. . . . .	2.90	: 3.10	1 oz tab., 1 lb ctzs. . . . .	.85 1/4		Precip. English, 7 lb bags. . . . .	.07 1/4	
Hydrobromide, 1 lb bot. . . . .	4.65	: 4.90	100 lb cs. . . . .	.86		Charcoal, Bone, see bone black . . . . .	.04	: .05
<b>CALCIUM</b> , Acetate, 150 lb bgs. c/l . . . . .			1/2 oz. tab., 1 lb ctzs. . . . .	.86 1/4	: .67 1/4	Wood, powd. 100 lb bbls. . . . .	.08	: .07
100 lb . . . . .	3.00		100 lb cs. . . . .	.81		Willow, powd. 100 lb bbls. . . . .	8.00	: 9.00
Arsenate, 100 lb bbls. c/l wks. . . . .	.08	: .09	Jap ref. 2 1/2 lb slabs, 100 lb . . . . .	.86 1/4	: .67 1/4	China Clay, Dole. . . . .	11.00	: 15.00
Bromide, 100 lb cs. . . . .	.60		cs. . . . .	.81		Washed & Ground, wks. . . . .	16.00	: 23.00
Carbide, 220 lb dr. c/l wks. . . . .	.04 1/4		1 oz. tab., 100 lb cs. 1 lb . . . . .	.86		Imp., Filler Clay . . . . .	20.00	: 25.00
Drums, 1c/l wks. . . . .	.08		time . . . . .	.80		Coating . . . . .	.75	: .80
Carbonate, tech. 100 lb bags . . . . .	1.00	: 1.10	1/2 oz. tab., 100 lb cs. 1 lb . . . . .	.81		Chloral Hydrate, USP 100 lb drs. . . . .	.85	: .85
c/l . . . . .	.04		time . . . . .	.86		25 lb jars . . . . .	.40	: .40
USP, precip. 175 lb bbls. . . . .	.04		Chinese ref. 2 1/2 lb slabs 100 lb . . . . .	.86		Chloramine-T, 5 lb bot. . . . .	1.25	: 2.50
Chloride, solid. 650 lb drs. c/l . . . . .	21.00		cs. lb. . . . .	.60		Chlorosane, 5 lb bot. . . . .	.55	: .75
f.o.b. wks. . . . .	19.50		Crude, 100 lb cs. . . . .	1.85	: 1.90	Chlorhydrin, Ethylene anhyd. 600 lb . . . . .	.75	: .85
Imp. shipment . . . . .	27.00		Campbor, Monobrom., 100 lb cs. . . . .	.70		dra. . . . .	.35	: .30
Flake 375 lb drs. c/l drs. f.o.b. . . . .	.13	: .20	Caramel, 50 gal. bbls. . . . .	.50		40% soln. 100 lb clys. . . . .	.04 1/4	
wks. . . . .	1.40		c/l drums, NY. . . . .	.08 1/4		<b>CHLORINE</b> , Liquid 2000 lb cyl . . . . .	.04 1/4	
Anhyd., 350 lb drs. f.o.b. NY. . . . .	.13	: .20	Carbon Bisulfide, 500 lb drs. 1c/l/NY . . . . .	.08		c/l wks. . . . .	.04	
Glycerophosphate, 250 lb bbls. . . . .	1.40		c/l drums, NY. . . . .	.10	: .10	Tank car lots, wks. Contract. . . . .	.05 1/4	: .05 1/4
Hydrate, (see Lime) . . . . .	.60	: .65	Carbon Black, 12 1/2 lb bags. . . . .	.09	: .10	100 lb cyl. c/l wks. . . . .	.07	: .08
Hypophosphite, USP, 25 lb cans. . . . .	.40	: .44	Carbon Dioxide, Liquid, 20-25 cyl. . . . .	.07	: .07 1/4	100 lb cyl. 1c/l ex-warehouse. . . . .	.08	: .09
Iodide, 5 lb bot. . . . .	.13 1/4		Carbon Tetrachloride, 1400 lb drs. . . . .	.07	: .07 1/4	Chlorobenzene, mono. 100 lb drs. . . . .	.10	: .11
Lactate, tech. 500 lb bbls. . . . .	.60	: .60	NY . . . . .	.08 1/4	: .08 1/4	dra. c/l wks. . . . .	.08	: .08 1/4
U.S.P. . . . .	.40	: .40	Drums, c/l NY . . . . .	.07 1/4	: .08	Tank car lots wks. . . . .	.35	: .35
Nitrate, 220 lb bbls. c/l NY. . . . .	.09	: .10	700 lb drs. single NY. . . . .	.475	: 4.85	<b>CHLORFORM</b> , USP 50 lb drs. . . . .	.32	: .33
Phosphate, tech. 350 lb bbls. . . . .	.11	: .14	Carmine, No. 40, 5 lb boxes. . . . .	.10	: .10 1/4	Second Hands, 650 lb drs. . . . .	.31	: .33
Phosphate, precip. tribasic 200 lb . . . . .	.07	: .08	Casein, edib., 100 lb kg. . . . .	.400	: 4.50	Technical, 650 lb drums. . . . .	3.75	: 4.00
bbls., wks. . . . .	.55	: .57	Technical, 200 lb bbls. . . . .	.17 1/4	: .18 1/4	Chlorophyll, Oil Sol. . . . .	.07	: .08
Phosphate, mono, 325 lb bbls. . . . .	.11	: .14	Castoreum, 1 lb boxes . . . . .	.17 1/4	: .18 1/4	Water Sol. . . . .	.07	: .08
Sulfocarbonate, 100 lb kgs. . . . .	.11	: .14	Castor Oil, USP, 50 gal. bbls. . . . .	.17 1/4	: .18 1/4	Chromium Acetate, 20% soln. 400 lb . . . . .	.07	: .08
Calomel, see Mercury . . . . .	.11	: .14	Cases, 80 lb 2 tins. . . . .	.17 1/4	: .18 1/4	bbls. . . . .	.07	: .08
	.11	: .14	Caustic Potash, see potash, caustic . . . . .	.17 1/4	: .18 1/4	Solp. 400 lb bbls. . . . .	.07	: .08
	.11	: .14	Soda, see soda, caustic . . . . .	.17 1/4	: .18 1/4	Chrysarobin, USP, 5 lb cans. . . . .	.525	: 5.35
	.11	: .14	Cellulose Acetate, 100 lb cases. . . . .	.17 1/4	: .18 1/4	Cinchonidin alk., powd. 100 oz. tins. . . . .	.60	
	.11	: .14	Cerium Oxalate, USP 100 lb kgs. . . . .	.17 1/4	: .18 1/4	Crystal . . . . .	.65	
	.11	: .14		.17 1/4	: .18 1/4	Sulfate, 100 oz. tins. . . . .	.40	
	.11	: .14		.17 1/4	: .18 1/4	Resale, 1,000 oz. lots. . . . .	.39	

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## Chemicals

Cinchonine alk., pvd. 100m. time. ....	.38	COPPER metal electrolyte c/l		Diethyl Sulfate tech. 50 gal. drs. D	.20	.35
Crystal .....	.43	NY .....	14.88	CP drums .....	.40	.50
Sulfate, 100 oz. time. ....	.25	Lake c/l NY .....	14.88	Digitalin, Pure, 1 oz. vial. ....	9.75	10.31
Citric Acid, 100 oz. time. ....	.25	Castling, c/l NY .....	14.38	Dimethylaniline, 840 lb. drs. wks. D	.33	.35
Coal Tar, See Tar		Carbonate, 400 lb. bbls. ....	.16	Dimethylamine, 400 lb. drs. ....	2.80	
Cobalt metal, 100 lb. kegs. ....	2.50	Chloride, 250 lb. bbls. ....	.28	Dimethylsulfate, 100 lb. drs. ....	.50	
Cobalt Oxide, 500 lb. bbls. ....	2.10	Cyanide, 100 lb. drs. ....	.49	Dinitrobenzene, 400 lb. bbls. ....	.16	.17
10 lb. time, 200 lb. cases. ....	2.45	Iodide, 5 lb. bot. ....	5.65	Dinitrochlorobenzene, 400 lb. bbls. D	.18	.19
COCAINE alk., USP, 1 oz. vial. ....	10.00	Oxide, red 1000 lb. bbls. ton lots D	.16 1/2	Dinitronaphthalene, 350 lb. bbls. D	.33	.34
Hydrochloride, USP—1 oz. vials, 25 oz. ....	7.07	Sub-Acetate, verd. 440 lb. bbls. D	.23	Dinitrophenol, 350 lb. bbls. ....	.33	.35
in 1/2 oz. vials. ....	7.50	SULFATE, crys. 450 lb. bbls. l/c/l		Dinitrotoluene, 300 lb. bbls. ....	.19	.20
in crystals, granular, powder, or flaky crystals as desired.		spot .....	4.90	Dionin, see Morphine, Ethyl		
Cocoa Butter, bulk, 200 lb. bales. D	.29	Imp. 550 lb. c/sk spot. ....	5.00	Diphenylamine, 250 lb. bbls. ....	.48	.50
Fingers, cakes, etc. 12 lb. bxs. D	.34	Powdered, 350 lb. 5 bbls. ....	5.00	Diphenylguanidine, 170 lb. bbls. D	1.10	1.15
CODEINE alk., 1 oz. vial 10 oz. lots	9.87	Copperas, bulk c/l wks. ....	13.00	Dover's Powder, USP 5 lb. time. ....	2.20	2.30
Hydrobromide, 1 oz. vial, 10 oz. lots	7.93	200 lb. bgs. c/l wks. ....	16.00	Duboisine Sulfate, 1 oz. vial. ....	30.07	
Hydrochloride, 1 oz. vial, 10 oz. lots	8.77	400 lb. bbls. c/l wks. ....	17.00	EARTH, Diatomaceous see Kieselguhr		
Nitrate, 1 oz. vial, 10 oz. lots. ....	8.77	Powdered, bbls. ....	1.90	Ameline alk., 15 gr. vial. ....	1.30	
Phosphate, 1 oz. vial, 10 oz. lots	7.42	Sugar, 400 lb. bbls. ....	1.25	Hydralide, USP 1 oz. vial. ....	17.00	17.50
Salicylate, 1 oz. vial, 10 oz. lots	7.42	Corn Syrup, 42 deg. 50 gal. ....	4.26	15 gr. vials. ....	78	
Sulfate, 1 oz. vial, 10 oz. lots. ....	7.93	bbls. ....	4.31	EPSON SALT, tech. 300 lb. bbls.		
Small Sizes, 1/4 oz. vials, 50c extra, 1/2 oz. 80c extra, single 1c extra per oz.—25 oz. lots, 10c. cheaper than above. Less than 10 oz. 15c. extra higher than above.		43 deg. 50 gal. bbls. ....	4.31	NY .....	2.15	
CODLIVER OIL, Norwegian, 30 gal. bbls.	28.50	44 deg. 50 gal. bbls. ....	4.38	Bbls. c/l NY .....	2.00	
Newfoundland, 30 gal. bbls. bbl	30.00	45 deg. 50 gal. bbls. ....	4.45	100 lb. bgs. c/l NY .....	1.70	1.75
Colchicine alk USP 1 oz. vial. ....	15.07	Seconds Hands .....	4.45	Imp. 220 lb. bgs. c/l		
Salicylate, 1 oz. vial. ....	15.07	Corn Sugar, see Glucose		NY .....	1.35	
Collodion, USP, 30 lb. drums. ....	.24	Cotton Soluble, 100 lb. bbls. wet. D	40	USP, 300 lb. bbls. 10 bbls. 100 lb.	2.54	
		Coumarin, 25 lb. time. ....	3.35	Carlota, bbls. ....	2.10	2.15
		Seconds .....	3.25	Imported, 400 lb. bbls. ....	1.75	2.00
		CREAM TARTAR, USP, 300 lb. bbls.	.21 1/4	100 lb. kegs. ....	2.00	2.25
		Imp. powd. USP, 224 bbls. ....	.20 1/4	Ergotin, Bonjean, 1 lb. jars. ....	6.00	6.35
		Creosote, USP, 42 lb. clys. ....	.45	Esorine alk., 1 oz. vial. ....	24.07	
		Carbonate, 1 lb. bot. 25 lb. ....	1.70	Salicylate, USP 1 oz. vial. ....	16.07	
		Creosote oil, 50 gal. drs. ....	.26	Sulfate, USP VIII, 1 oz. vial. ....	11.07	
		Cresol, USP, 400 lb. drums. ....	.22	ETHER, USP, 55 lb. drums. ....	.10	
		Cyanamide, bulk c/l wks. Amm. unit	1.90	Anaesthesia, 55 lb. drums. ....	.19	
		Cymene, See Para-Cymene		USP, 1880 55 lb. drums. ....	.42	
		DIAMINOPHENOL, 100 lb. kegs. ....	3.80	Washed, 55 lb. drums. ....	.33	
		Dianiline, 100 lb. kegs. ....	4.00	Motor, 1 lb. cans. ....	.25	.31
		Dichlorobenzene, 1000 lb. drs. ....	.06	Ether, Nitrous, 1 lb. bot. ....	.92	.95
		Diethylamine, 400 lb. drs. ....	2.50			
		Diethylaniline, 550 lb. drs. ....	.58			
		Diethyl Phthalate, 25 lb. cans. ....	.40			
		1000 drs. ....	.35			



# Baker & Adamson Reagent Chemicals

## Standard Quality

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## Chemicals

Ethyl Acetate, 98% 50 gal. drs. gal	1.15	: 1.18	Gelatin, USP silver lbl. 100 lb. cas. lb	.65	: .68	Hydrastinine Hydrochloride, USP 15 gr.			
85% Ester, 100 gal. drs. gal	...	: .95	Gold Label, 100 lb. cases. .... lb	...	: ..	vials. .... vial	...	: 1.00	
Carbols, drums. .... gal	...	: .92	Technical, 100 lb. cas. .... lb	.50	: .55	Hydrobenzene 100 lb. kegs. .... lb	...	: ...	
Tanks Cars. .... gal	...	: .90	GLAUBER'S SALT, tech. 200 lb. bags,			HYDROGEN PEROXIDE, 25 vol. 400 lb			
Refined, drums. .... gal	1.77	: 1.90	lb/l wks. .... 100 lb	1.15	: 1.25	bbis. .... lb	...	: .10	
Bromide, 115 lb. drs. .... lb	...	: .40	350 lb. bbis. c/l wks. .... 100 lb	...	: 1.25	100 vol. 140 lb. clys. .... lb	.32	: .34	
Chloride, 200 lb. drs., 15 lb. cyl. lb	.26	: .35	Bbis. lb/l wks. .... 100 lb	1.30	: 1.65	USP Soln. 375 lb. bbis. .... lb	.05	: .05 1/2	
Methyl Ketone, 50 gal. drs. .... lb	.25	: .25 1/2	Imported, bbis., spot. .... lb	.80	: .85	100 vol. 145 lb. clys. .... lb	...	: .48	
Morphine, see Morphine, Ethyl			USP, 300 lb. bbis. imp. sp. 100 lb	...	: 1.25	USP tot. 4 oz. cases. .... gross	8.00	: 8.25	
Ethyl Benzyl Aniline, 300 lb. drs. lb	1.10	: 1.15	USP, 300 lb. bbis. dom. sp. 100 lb	...	: 1.75	Bot. 8 oz. cases. .... gross	11.75	: 12.00	
Ethylene Bromide, 600 lb. drs. .... lb	...	: .70	USP, 300 lb. bbis. c/l wks. 100 lb	...	: 1.40	Bot. 16 oz. cases. .... gross	19.75	: 20.00	
Glycol	.65	: 1.00	Calcined, see Sodium Sulfate			Hydroquinone, 100 lb. kegs. .... lb	1.40	: 1.50	
Chloroform, anhyd. 50 gal. drs. lb	.75	: .85	Glucose, (Grape Sugar) dry, 100			Hyoscin Hydrobrom. USP 1 oz.			
40% Solution, 50 gal. drs. lb	.25	: .30	70° bags, c/l NY. .... 100 lb	4.29	: 4.54	vial. .... oz	...	: 9.57	
Dichloride, 50 gal. drs. .... lb	.20	: .25	Syrup, Drs. & bbis. c/l NY 100 lb	4.36	: 4.45	Five ozs., 1 oz. vials. .... oz	...	: 9.00	
Ethylidenecyaniline	...	: .70	lb/l NY. .... 100 lb	4.36	: 4.55	Hyocyanine Alk. Cryst., 1 oz. vial. oz	...	: 30.07	
Eucalyptol, 25 lb. cans. .... lb	...	: .90	GLUE, pure white, bbis. .... lb	.22	: .28	Alkaloid, Amorphous, 1 oz. vial. oz	...	: 75.07	
Feldspar, bulk. .... ton	20.00	: 25.00	Medium white, bbis. .... lb	.20	: .24	Hydrobromide, USP 1 oz. vial. .... oz	...	: 25.07	
FERRIC CHLORIDE, tech. crys.			French, bbis. .... lb	.18	: .25	Sulfate, 1 oz. vial. .... oz	...	: 20.07	
475 lb. bbis. .... lb	...	: .07	High Grade, bbis. .... lb	.35	: .40	INDOL, C. P., 1 oz. bot. .... oz	6.00	: 6.50	
Imported	...	: .07 1/2	Bone, regular, bbis. .... lb	.10	: .12	Iodides, see Potassium Iodide, etc.			
USP, crys. 100 lb. kegs. .... lb	...	: .08	Fish, bbis. .... gal	1.50	: 1.75	100 lb. crude, 200 lb. kegs. .... lb	...	: 4.10	
Imported	...	: .07 1/2	GLYERIN, C. P., 550 lb. drums. .... lb	.19	: 1.75	Resublimed, 10 lb. jars .... lb	4.65	: 4.70	
Neut. Sol'n 40° 140 lb. clys. .... lb	...	: .06	Cans, 50 lb. .... lb	.20	: .25	Tincture, USP, 50 gal. bbis. gal	4.30	: 4.40	
48° 140 clys. .... lb	...	: .08	Dynamite, 100 lb. drs. .... lb	.18	: .18 1/2	Carboys. .... lb	4.40	: 4.50	
USP Sol'n 125 lb. clys. .... lb	...	: .05 1/2	Saponification, tanks. .... lb	.13 1/2	: .13 1/2	Second Hands, .... gal	4.25	: 4.30	
Ferrous Chloride, crys. tech.			Soap, Lye tanks. .... lb	.12 1/2	: .12 1/2	Iodoform, powd. 10 lb. bot. .... lb	...	: 5.50	
475 lb. bbis. .... lb	.06	: .06 1/2	Gon Powder, see chrysarobin			Crystals, 10 lb. bot. .... lb	...	: 6.50	
Ferrous Sulfide, 1000 lb. bbis. 100 lb	2.50	: 3.00	Graphite, crude 220 lb. bags. .... ton	15.00	: 35.00	Iridium, metal 10 oz. lots. .... oz	...	: 260.00	
Flake White, see lead, white			Flake, 500 lb. bbis. .... lb	.05	: .09	Iron, metal by hydrogen 1 lb. bot. .... lb	.80	: 1.00	
Fluorapar, 95% 220 lb. bgs. ex-			Ground, lump, bbis. .... lb	.04	: .05	IRON & AMM. CITRATE, USP 50 lb			
dock. .... ton	...	: 25.00	Guaiacol liquid, USP, 25 lb. cans. lb	2.35	: 2.45	cans. .... lb	...	: .09	
96% bgs. .... ton	...	: 33.50	Benzonate, 1 lb. bot. .... lb	...	: 18.00	Green scales. 50 lb. .... lb	...	: .09	
98% bgs. .... ton	...	: 35.00	Carbonate, 5 lb. boxes. .... lb	4.00	: 4.50	Cacodylate, 10 lb. bot. .... lb	6.50	: 6.75	
FORMALDEHYDE, USP 400 lb. bbis.			Second Hands	3.25	: 3.50	Citrate, USP VIII 25 lb. cans. lb	.99	: 1.01	
c/l wks. .... lb	.09 1/2	: .09 1/2	HAARLEM OIL, Dom. 6 gr. ex. gross	2.75	: 3.00	Chloride, see ferric or ferrous			
Carboys, 100 lb. lb/l wks. .... lb	...	: .10 1/2	Imported, 5 gr. cases. .... gross	3.75	: 4.00	Hypophosphite, 5 lb. cans. .... lb	1.50	: 1.60	
Bbis., 400 lb. lb/l wks. .... lb	.10	: .10 1/2	Halasone, 5 lb. bot. .... lb	2.75	: 3.25	Syrup, USP VIII. .... lb	...	: .30	
Second Hands	.09	: .10	Hexamethylenetetramine, USP			Iodide, 1 lb. bot. .... lb	...	: 4.25	
Fusel Flour	...	: .04	100 lb. drums. .... lb	.75	: .77 1/2	Syrup, USP, 5 lb. bot. .... lb	.35	: .36	
Formalin	...	: .50	Imported	.64	: .66	Nitrate, kegs. .... lb	.09	: .10	
Fuller's Earth, 200 lb. bgs. c/l			Rubber Makers, Impalp. Pd.			Com'l, bbis. .... 100 lb	2.75	: 3.25	
mines. .... ton	15.00	: 17.00	dra. .... lb	.82 1/2	: .85	Oxalate scales 25 lb. cans. .... lb	.85	: .88	
Imported, 220 lb. bags, NY. .... ton	35.00	: 40.00	Homatropine Hydrobrom. USP 1 oz.			Oxide red, Spanish. .... lb	.03 1/2	: .07 1/2	
Formal, 300 lb. bbis. .... lb	.22	: .25	vial. .... oz	...	: 14.57	& Ammon. Oxalate 25 lb. bxs. lb	.42	: .45	
Fusel Oil, 10% Impurities, drs. gal	2.80	: 3.00	Five ozs., 1 oz. vials. .... oz	...	: 13.50	& Potassium Oxalate, 25 lb. bxs. lb	.45	: .47	
G. SALT, paste 350 lb. bbis. basis			Hydrastine Alk., USP, 1 oz. vial. oz	14.00	: 14.57	& Sodium Oxalate, 25 lb. bxs. lb	.41	: .45	
100% .... lb	.60	: .65	Hydrochloride, USP, 1 oz. vial. .... oz	...	: 14.57	Phosphate, USP 50 lb. .... lb	...	: .69	
			Sulfate, 1 oz. vial. .... oz	...	: 16.07	Pyrophosphate, USP, 50 lb. .... lb	...	: .74	

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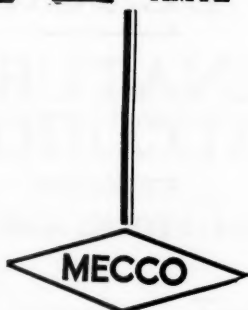


## Chemicals

JALAP RESIN, lump 5 lb tins...D	3.35	: 3.35	Linalool, 5 lb bot. ....D	6.25	: 6.75	Manganese—continued)		
Powd. tins .....	3.40	: 3.50	Litharge, see lead oxide			Glycerophosphate, 5 lb tins...D	...	: 2.95
Kapoc, 200 lb double bales .....	.24	: .25	Lithium Carb. USP, 100 lb kgs...D	1.50	: 1.60	Hypophos. USP VIII 5 lb cans...D	...	: 1.40
KIESELGUHR, 95 lb bags NY...ton	60.00	: 70.00	Bromide, 100 lb ca. ....D	1.80	: 1.90	Iodide, 1 lb bot.....D	...	: 6.65
LANOLIN, see Adeps Lanae			Citrate, USP, 100 lb kgs...D	1.70	: 1.75	Ore, bulk, NY.....D	.40	: .45
LEAD, metal c/NY .....	100 lb	9.50	Iodide, 5 lb bot.....D	...	: 7.50	Sulfate, 600 lb casks NY....D	...	: .08
Acetate, white crystals 500 lb			Lithopones, 400 lb bbls, 1c/l wks...D	...	: .08%	Marble Flour, bulk .....	10.00	: 12.00
bbls. wks. ....D	...	: .15%	Bbls. c/l wks.....D	...	: .06%	See also Calcium Carbonate		
100 to 250 lb kgs. wks...D	...	: .16	Imported, 400 lb bbls.....D	.05%	: .06	MENTHOL, USP, 60 lb cases...D	...	: 12.75
White, broken, bbls. wks.100 lb	...	: 14.75	Litmus Cubes .....	.90	: 1.00	Less cases, 5 lb tins.....D	...	: 13.25
White, gran., bbls. wks.100 lb	...	: 15.00	Luminal, see Phenylethylmalonylurea			Domestic, USP, 60 lb cases...D	...	: .
White, powd., bbls. wks.100 lb	...	: 16.25	MAGNESITE, crude .....	...	: 15.00	MERCURY, metal, 75 lb flasks...flask	77.00	: 78.00
Kegs, wks. ....D	...	: .16%	Calcined, 500 lb bbls.....ton	...	: 55.00	Less Flasks, 5 lb jugs ...D	...	: 1.20
Brown, broken, bbls. wks...D	...	: .14%	Magnesium mtll., sticks 100 lb ca. lb	1.25	: 1.30	Bichloride, cryst. 25 lb bxs...D	...	: 1.13
USP, 100 lb kgs .....	.15%	: .16	Carb. tech. 70 lb bags NY...D	.08	: .08%	Gran. powd., 200 lb kgs...D	...	: .98
Arsenate, 100 lb bbls. 1c/l wks...D	.21	: .26	75 lb bbls. NY.....D	.09%	: .10%	Bisulfate, 25 lb boxes .....	...	: .96
Bbls. c/l wks. ....D	.17	: .19	USP, 60 lb bbls.....D	.12	: .14	Blue Mass, 25 lb boxes.....D	...	: .66
Paste, 100 & 600 lb bbls...D	.10	: .15	USP, blocks 100 lb ca. 1, 2, 4	...	: .23	Powdered, 25 lb boxes.....D	...	: .68
Iodide, USP VIII 5 lb bot.....D	3.20	: 3.40	ozs. ....D	.19	: .23	Blue Ointment, USP 25 lb cans	...	: .86
Nitrate, 500 lb bbls. wks.....D	...	: .11%	Chloride, fused 575 lb dra. c/l	...	: 34.00	50% .....	...	: .86
Oxide, litharge, 500 lb bbls...D	...	: .16%	Wks. ....ton	...	: 36.00	USP, dilute 25 lb cans 30%...D	...	: .68
100 lb kgs. wks.....D	...	: .12%	Flaked, 350 lb dra. wks c/l ton	...	: 28.00	85% Mercury .....	...	: .74
Oxide, red 500 lb bbls. wks...D	...	: .16%	Imp., fused 900 lb bbls NY ton	28.00	: 28.00	Calomel, 50 lb bxs.....D	...	: 1.23
100 lb kgs. wks. ....D	...	: .30	Fluoridate, crystals 400 lb bbls	...	: .12	Citrine Ointment 25 lb jars...D	...	: .51
Peroxide, 100 lb dra. ....D	.25	: .30	Wks. ....D	.07	: .07%	Iodide, green 25 lb jars....D	...	: 4.10
White, basic carb. 500 lb bbls	...	: .10%	30% soln. 500 lb bbls. wks...D	...	: .06	Red, USP 25 lb jars...D	...	: 4.20
Wks. ....D	...	: .10%	Soln. bbls. c/l wks.....D	...	: .42	Yellow, USP VIII 25 lb jars...D	...	: 4.10
Bbls. c/l wks. ....D	...	: .10	Glycerophosphate, 5 lb tins...D	...	: 3.25	Oxide, Yellow, USP, 25 lb bxs...D	...	: 1.68
White, sulfate 500 lb bbls. wks...D	...	: .10	Hypophosphite, 5 lb cans...D	...	: 1.05	Red Precip. USP, 25 lb bxs...D	...	: 1.88
Bbls. c/l wks. ....D	.25	: .26	Oxide, USP light 100 lb bbls...D	...	: .50	Powder, USP 25 lb bxs...D	...	: 1.84
McKerrie Ext. Msm. cases .....	.11	: .13	USP, heavy 250 lb bbls...D	...	: 2.40	White Precip. USP 25 lb bxs...D	...	: 1.39
Compound powder, bbls.....D	.38	: .40	Peroxide, 5 lb cans.....D	...	: 2.62	Powdered, USP, 25 lb bxs...D	...	: .66
Powdered .....	.45	: .50	Perborate, 1 lb tins.....D	...	: .75	With chalk, USP 25 lb bxs...D	...	: .80
Sticks, 1 ca. 100 lb cases...D	...	: .01%	Salicylate, 100 lb kgs...D	...	: .24	Meta-Nitraniline .....	.70	: .80
LIME (Salts, see Calcium Salts)			Sulfate, see Epsom Salts			bbls. ....D	2.05	: 2.10
Live, 325 lb bbls. ton lots, wks...D	...	: .01%	Manganese Chloride, 600 lb csk	...	: .09%	Meta-Phenylendiamine, 300 lb	...	: .95
Single bbl. wks. ....D	...	: .01%	NY .....	...	: .25	bbls. ....D	.90	: .95
Hydrated, 167 lb bbl., ton lots,	...	: .01%	Borate, 30%, 200 lb bbls...D	...	: .85.00	Meta-Toluylenediamine, 300 lb	...	: .88
wks. ....D	...	: .01%	100 lb kgs .....	...	: 85.00	bbls. ....D	.85	: .88
Single bbl. wks. ....D	...	: .08%	Dioxide, 80-84% 900 lb bbls	...	: .15			
Oyster Shell, 150 lb bbl.sing...D	...	: .08%	NY .....	...	: .20			
Sulfur, dry 200 lb dra. NY...D	...	: .08	85-90%, 900 lb bbls. NY.ton	85.00	: 90.00			
Dra. c/l NY .....	...	: .15	Hydrated, precip. 100 lb kgs...D	...	: .20			
33° Soln. 50 gal bbls. NYgal	...	: .16						

# ACETATES

AMYL BUTYL ETHYL



The Miner Edgar Company  
 Rail and Water Facilities  
 110 William Street  
 New York

## Chemicals

<b>METHANOL (Wood Alcohol)</b>			<b>Musk Ambrette, 1 lb cans</b> . . . . . 11.75 : 12.25			<b>Ortho-Toluidine, 350 lb bbls.</b> . . . . 17 : 18		
95% tanks	gal	.67	<b>NAPHTHA, See Solvent Naphtha</b>			Oxall, USP, 5 lb bot.	lb	2.00 : 3.00
Drums, c/l	gal	.70	<b>NAPHTHALENE, Flakes, 175 lb bbls.</b>			Purified, 5 lb bot.	lb	1.50 : 2.50
Drums, 1c/l	gal	.73	wks.			Crude, 5 lb bot.	lb	.80 : 1.25
97% tanks	gal	.69	Bbls, c/l wks.			<b>PALLADIUM, metal 10 oz. lots.</b> . . . 75.00 : 76.00		
Drums, c/l	gal	.72	Bbls, second hands NY.			Pancreatin, USP 5 lb bot.	lb	1.25 : 1.40
Drums, 1c/l	gal	.74	Balls, 250 lb bbls. wks.			Papain, 10 lb bot. USP, Powd.	lb	2.15 : 2.25
Pure, Acetone free, tks.	gal	.75	Bbls, c/l wks.			Crude, 150 lb cases.	lb	1.80 : 1.85
Drums, c/l	gal	.77	Bbls, second hands NY.			<b>Paraffin, ref'd 200 lb cs. slabs</b>		
Drums, 1c/l	gal	.80	Crushed, chipped, bgs, wks.			123-127 Deg. M. P.	lb	.05% : .05%
Bbls. Incl. 5c higher	gal		Crude, imp., bags			128-132 Deg. M. P.	lb	.06 : .06%
<b>Methyl Acetone, 100 gal. drums.</b>			<b>Nickel Metal, electrolytic 100 lb</b>			133-137 Deg. M. P.	lb	.06% : .07
Tanks, cans	gal	.75 : .80	kegs			138-140 Deg. M. P.	lb	.07% : .07%
Chloride, 90 lb cyl.	lb	.50	Ingot, 100 lb kegs			<b>Para-Aminoacetanilid, 100 lb</b>		
Sulphate, USP, 50 lb cases	lb	.47	Salt, single 400 lb bbls, NY.			kegs	lb	1.10 : 1.15
500 lb drums	lb	.45	Double, 400 lb bbls, NY.			Para-Aminophenol, 100 lb kegs.	lb	1.16 : 1.25
Second Hands, cases	lb	.44 : .45	Oxide, 100 lb kegs NY.			Hydrochloride, 100 lb keg.	lb	1.35 : 1.40
<b>Methylene Blue, tech. 100 lb kgs.</b>			Sulfate, 450 lb bbls.			<b>Para-Dichlorobenzene, 150 lb bbls.</b>		
USP, medicinal 5 lb cans.	lb	1.25 : 1.50	Nicotine, Free 40%, 8 lb tins.			wks.	lb	.17 : .20
Mishler's Ketone, 225 lb bbls.	lb	2.00 : 2.30	Sulfate, 10 lb tins, 40%.			25-50 lb kegs	lb	.18 : .23
Milk, powd. 150 lb bbls.	lb	.14 : .15	Nitro Cake, bulk wks.			Paraldehyde, 100 gal. drs.	lb	. : .48
Milk Sugar, see sugar of milk	lb		500 lb bbls.			Para-Cymene, Refd., 110 gal drs. gal	lb	2.25 : 2.50
Mineral Oil, see oil mineral	lb		Nitrobenzene, crude, 1000 lb drs.			Paraformaldehyde, USP 100 lb cs. lb	lb	.42% : .45
Mineral Rubber	ton	35.00 : 75.00	wks.			Para-Nitroacetanilid, 300 lb	lb	. : .55
Monacetone, 100 gal. drums.	lb	.50	Redistilled, 1000 lb drs. wks.			bbls.	lb	.50 : .55
Monochlorobenzene, see chlorobenzene	lb		Nitronaphthalene, 550 lb bbls.			<b>PARA-NITROANILINE, 300 lb bbls</b>		
Monomethylamine, 900 lb drs.	lb	.90 : 1.00	Nitrotoluene, mixed 1000 lb drs.			wks. ton	lb	.66 : .67
Monomethyl paraminophenol sulfate	lb		wks.			Para-Nitrochlorobenzene, 1200 lb drs.	lb	. : .30
100 lb drs.	lb	3.95 : 4.20	Ochre			wks.	lb	.20 : .30
<b>MORPHINE Sulfate, USP 5 oz. tins</b>			Oil Fuel, see Fuel Oil			Para-Nitro-ortho-Toluidine, 300 lb	lb	. : .30
10 oz. tins	oz.	7.35	<b>OIL MINERAL, wh. 50 gal. bbls.</b>			bbls.	lb	2.75 : 2.85
Acetate, 5 oz. tins 10 oz. lots	oz.	7.35	Oil Mirbane, see nitrobenzene			Para-Nitrophenol, 195 lb bbls.	lb	.55 : .60
Hydrobromide, 5 oz. tins 10 oz. lots	oz.	7.35	Opium, see crude drugs			Para-Nitrosodimethylaniline, 120 lb	lb	. : .95
Hydride, 5 oz. tins 10 oz. lots	oz.	7.35	Orange Mineral, 800 lb cases NY.			bbls.	lb	. : .95
Ethyl Hydride, 1/4 oz. via. 10 oz.	oz.	11.45	500 lb bbls. NY			Para-Nitrotoluene, 350 lb bbls.	lb	.42 : .45
Small Sizes: 1/4 oz. vials, 50c extra;	oz.		Ortho-Aminophenol, 50 lb kegs.			Para-oxy Benzaldehyde, 100 lb	lb	. : 1.70
1/4 oz. 25c extra; single oz. via., 7c extra,	oz.		Ortho-Anisidine, 100 lb drs.			kegs	lb	. : 1.70
lots in 5 oz. tins, 10c oz. lower than	oz.		Ortho-Dichlorobenzene, 1000 lb drs.			Para-Phenetidin, 500 lb drs.	lb	1.55 : 1.80
above schedule. Less than 10 oz. lots	oz.		wks.			Para-Phenylenediamine, 350 lb	lb	. : 1.80
15c oz. higher than above schedule.	oz.		Ortho-Nitrochlorobenzene, 1200 lb			bbls.	lb	1.25 : 1.80
			dr. wks.			Para-Toluene-Sulfonamide, 175 lb	lb	. : .41
			Ortho-Nitrophenol, 350 lb			bbls.	lb	.40 : .41
			Ortho-Nitrotoluene, 1000 lb drs.			bbls. wks.	lb	.18 : .30
			wks.			Para-Toluidine, 350 lb bbls. wks. lb	lb	.70 : .75

# NITRATE SODA

DOUBLE REFINED CRYSTALS  
GRANULATED OR POWDERED



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Manufacturers

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DOMESTIC and IMPORTED

# GAS CARBON BLACK

# DENATURED ALCOHOL

SPOT STOCKS CARRIED

**INDUSTRIAL CHEMICAL CO.**

200 Fifth Avenue

NEW YORK

## Chemicals

## PARIS GREEN

Arsenic Basic, 500 lb kegs....	.35	: .39
Kegs, 100 lbs.....	.32	: .33
Kilo, 50, 25, 14 lbs.....	.34	: .35
Packages, 5 and 2 lbs.....	.38	: .37
Packages, 1 lb., 1/2, 1/4 lb.....	.39	: .43

Paris White, see whitening, French

Pepalin, USP, 5 lb bot.....	2.25	: 2.50
PETROLATUM, green 300 lb vials..	.02 1/4	: .03
Dark Amber, 300 lb bbls.....	.03 1/4	: .04
Light Amber, 300 lb bbls.....	.04 1/4	: .05
Cream White, USP 300 lb bbls..	.07	: .07 1/4
Lily White, USP, 300 lb bbls..	.09	: .09 1/4
Snow White, USP, 300 lb bbls..	.12 1/4	: .13

Phenol, see also acid carbolle

Makers, 950 lb drums, spot....	.28	: .24
Small drums, 240-100 lb.....	.24	: .26
Open market, drums.....	...	: .24
240 lb des. dra. wks.....	...	: .25
Natural, 240 lb des dra. wks....	...	: .25
Phenolphthalein, USP, 100 lb drs..	1.30	: 1.40
5 lb cans, 100 lb lots.....	1.40	: 1.50

Phenyl-Alpha-Naphthylamine 100 lb

kegs.....	...	: ...
Phenylethylalcohol, 1 lb bot. Dom	8.00	: 10.00
Imported.....	7.00	: 7.75
Phenylethylmalonylurea, os. pla. os	...	: 5.50
Phosgene, 100 lb cylinders.....	...	: ...
Phosphorus Oxichloride, 175 lb cyl..	.35	: .40
Phosphorus, red 110 lb os. wks....	...	: ...
Imported, 112 lb cases.....	.90	: 1.00

Yellow, 110 lb os. wks.....	.35	: .37 1/4
Imported, 112 lb cases.....	...	: ...
Phosphorus Trichloride, 175 lb cyl..	...	: .45
wks.....	...	: .28

Phthalic Anhydride, 100 lb bbls..	.23	: .28
Pilocarpine Hydrochloride, USP 25 os.	3.00	: 3.32

lots, 1 os vials.....	3.00	: 3.32
Nitrate, 25 os.....	...	: 3.00
Single os.....	...	: 3.32
Alkaloid, 15 gr. vls.....	...	: .85

Piperazine Hydrate, 1 lb bot....

Piperidine, 25 os.....

Pitch, Coal-Tar, wks.....

Plaster Paris, tech 250 lb bbls.bbl

True Dental, 300 bbls....

Platinum, metal soft 10 os. lots..

Podophyllin, 5 lb bot.....

Second Hands.....

POTASH, CAUSTIC, solid 88-92%

700 lb drs. wks.....

Imp., 88-92% 700 lb drs. NY..

USP, by alcohol 5 lb cans....

cases.....

POTASSIUM Acetate, USP, 100 lb

kegs.....

Second Hands, kegs.....

Bicarbonate, crys. 320 lb bbls..

Bichromate, crys., 900 lb casks..

Powd., 900 lb casks wks.....

Binonate, 300 lb bbls.....

Import, 112 lb bbls.....

Bisulfate, C.P., 5 lb cans.....

100 lb kegs.....

Bromate, 100 lb os.....

BROMIDE, CSP, cryst. 450 lb

bbls.....

Granular, 300 lb bbls.....

Cases, 100 lb.....

Imported, USP, 220 lb os.....

CARBONATE, 80-85% calc.

800 lb cks.....

80-85% hydrated, 800 lb

cks.....

90-95% calc. casks.....

96-98% calc. casks.....

99% calc. casks.....

USP 100 lb kegs.....

99% CP casks.....

## POTASSIUM—(Continued)

Chlorate, crys. 112 lb kgs. e/l

wks.....

Imp. 112 lb kegs, NY..

Powd., 112 lb kegs wks.....

Imp., kegs, NY.....

Gran. Imp. 112 lb kegs NY..

Pyrotechnic, fine powd. NY..

USP, fine crys. 110 lb kegs

NY.....

Citrate, USP 500 lb.....

Cyanide, 110 lb cases.....

Glycerophosphate, 75% Soln. 25 lb

tins.....

Guaiacol Sulfonate, 5 lb cans,

10 lb.....

Hypophosphite, 10 lb cans.....

Iodide, USP, 100 lb cases.....

Second Hands, cases.....

Lactophosphate, 4 os bot.....

Metabisulfite, 300 lb bbls.....

Imp., 550 lb bbls.....

Muriate, 80%, 200 lb bags, NY

K<sub>2</sub>O unit.....

Nitrate, see Saltpetre

Oxalate, neutral, 100 lb kegs..

Perchlorate, 112 lb kegs.....

PERMANGAN, USP, crys. 500 lb

&amp; 100 lb drs., wks.....

Imp: 113 lb drs.....

Prussiate, red, 500 lb casks..

Prussiate, yellow, 500 lb casks..

Salicylate, 25 lb cans.....

Sulfate, 200 lb bags, NY K<sub>2</sub>O unit

USP, VIII, 100 lb kegs.....

Sulfocyanide, CP 25 lb jars....

Tartrate, neutral, 100 lb kegs..

Titanium Oxalate 200 lb bbls..

Largest producers of Pure Phthalic Anhydride in the world



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99.99+% Pure.

Brand PHTHALIC ANHYDRIDE

is the Product by which all other  
Brands may be Standardized.

IT-IS-PURE

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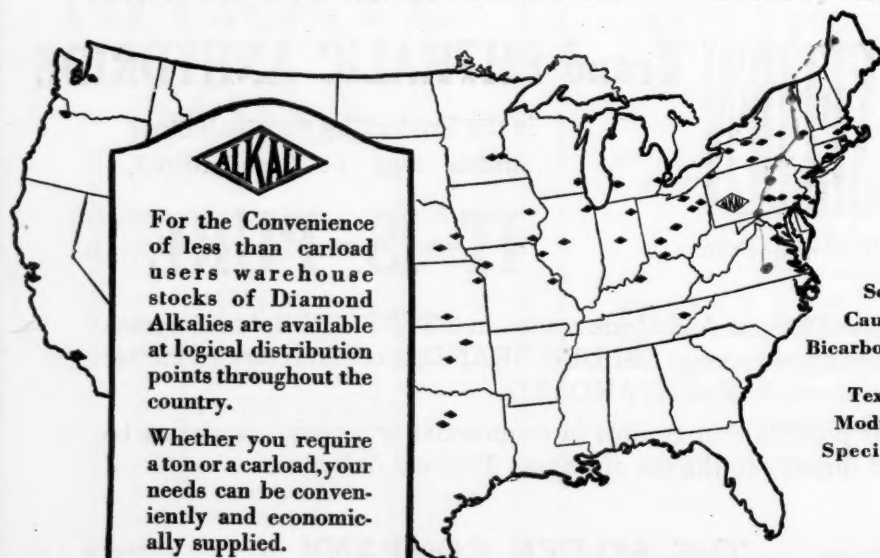
THE SELDEN COMPANY  
Pittsburgh, Pa., U. S. A.



## Chemicals

Pumice Stone, lump, 250 lb bbls. D	.04%	.08	QUININE—(continued)			Santonin, USP, 1 lb bot.	D 150.00	: 153.00
Lump, bags	.08%	.05	Tartrate	..	.88	Powd. 1 lb bot.	D 153.00	: 157.00
Powdered, 350 lb bbls. D	.02%	.03	Valerate	..	.89	Saponin, ex Quillaja, 5 lb tins. D	.90	: 1.10
Pyridine, 50 gal. drums	3.80	: 4.00	Small Sizes: 1 oz vials or cans, 500 oz. lots, 5c on extra; 500 cans, 500 oz lots 3c on extra; 2500 cans, 5000 lots, 2c on extra; single 1 oz vials or cans, 5c extra. All minor quinine salts sold and quoted basis 10000 lots in 10000 cans. Sulfate and bisulfate sold basis 10000 lots in 10000 cans. Smaller orders or containers extra as above schedule.			Satiz White, 500 lb bbls. D	..	: .01%
QUICKSILVER, see Mercury						Schaeffer's Salt, 250 lb bbls. wks. D	.60	: .65
Quinidine Alk., 10000 tins. D	..	.75				Scopolamine, see hyoscyne.		
Sulfate, 100 oz. tins. D	..	.50				Seidlitz Mixture, 225 lb bbls. D	.16%	: .16%
Quinidine, see Chinoidin						SILICA		
QUININE SULFATE, USP.						Crude, bulk, min.	ton 10.00	: 12.00
American, 100 oz. tins. D	..	.50				Refined, floated, bags	ton 18.00	: 30.00
100 tins, 10000 lots. D	..	.57				Air floated, bags	ton 32.00	: 50.00
Dutch, 10000 tins. D	..	.50				Extra, floated, bags	ton 55.00	: 65.00
Java, 10000 tins. D	..	.50				SILVER, metal, American	..	: .99%
Japanese, 10000 tins. D	..	.50				Foreign	..	: .68%
QUININE SULFATE, USP.						Colloidal, 1000 bot.	..	: 2.80
Acetate	..	.88	R SALT, 250 lb bbls. wks. D	.49	: .50	Silver Iodide, 1600 bot.	..	: .69
Arsenate	..	.88	Red Lead, see lead oxide			Nitrate, 16 oz bot.	..	: 457%
Benzoate	..	.88	Red Precipitate, see mercury			Nucleinate, 1600 bot.	..	: .34
Bisulfate, USP	..	.50	Resorcinol, see resorcinol.			Proteinates, 1600 bot.	..	: .34
Citrate	..	.63	Resorcinol tech, 100 lb bags. D	1.35	: 1.50	Soap, Castile, 40 lb bbs. D	.20	: .25
Dihydride, USP	..	.66	USP, 25 lb cans. D	2.25	: 2.35	Powd. USP, 250 lb bbls. D	.28	: .39
Dihydride	..	.66	Rochelle Salt, USP, 225 lb bbls. D	.20	: .21	Green, USP, 150 lb kgs. D	.07	: .07%
Dicarbonate, 1000 tins. D	..	2.50	Imp. USP, 300 lb bbls. D	.19	: .20	SOAPSTONE, see Talc, crude		
Ethyl Carbonate, 1600 tins. D	..	.91	Rosewater, triple, 5 gal. dems. gal	.90	: 1.10	SODA ASH, 58% light		
Ferrocyanide	..	.88	Rotten Stone, lump imp. bbls. D	.07	: .08	1-4 bags, deliv'd NY. 100 lb	..	: 2.19
Formate	..	.85	Lump selected, bbls. D	.09	: .13	5 & Up bags, deliv'd NY. 100 lb	..	: 2.04
Glycophosphate	..	.88	Powdered, bbls. D	.02	: .05	1-4 bbls., deliv'd NY. 100 lb	..	: 2.44
Hydride	..	.88	Domestic, bags, min.	24.00	: 30.00	5 & Up bbls., deliv'd NY. 100 lb	..	: 2.29
Hydrobromide, USP	..	.63	SACCHARIN, USP, 10 lb cans, 25 lb	1.75	: 1.85	Contract, Basis 58% bags c/l	..	: 1.38
Hydrochloride, USP	..	.63	Soluble, USP, 10 lb cans, 25 lb. D	1.75	: 1.85	Prompt and spot, Basis 58% bags	..	: 1.48
Hydrochlorosulfate	..	.66	Sal Ammoniac, see Ammon. Chloride			Contract, Basis 58% dense bags	..	: 1.48
Hydride & Urea, USP	..	.88	Salicin, USP, 1 lb cartons, 25 lb. D	4.75	: 5.00	c/l wks. 100 lb	..	: 1.55
Hypophosphite	..	.88	Salol, USP, 100 lb drums. D	.75	: .80	SODA, CAUSTIC, 76% solid		
Lactate	..	.78	Salt, Common, see sodium chloride			1-4 drums deliv'd NY. 100 lb	..	: 3.91
Phenylsulfonate	..	.88	Salt Cake, c/l f.o.b. wks. D	12.00	: 22.00	5 & Up drums deliv'd NY. 100 lb	..	: 3.78
Phosphate	..	.74	SALT PETRE, Double Refined			Ground & Flake, 76%	..	: 4.31
Sulfolate, USP	..	.63	Granular, 400-500 lb bbls.	..	.06	5 & Up drums deliv'd NY. 100 lb	..	: 4.16
Tannate, USP	..	.45	c/l wks. D	..	.06%	1-4 bbls., deliv'd NY. 100 lb	..	: 4.56
			Large Crystals, 350-400 lb bbls.	..	.07%	5 & Up bbls., deliv'd NY. 100 lb	..	: 4.41
			Small Crystals, 350-400 lb bbls.	..	.07	Contract basis 76% c/l wks	..	: 3.10
			Powdered, bbls. c/l wks. D	..	.07			
			Imported, 500 lb bbls. NY. D	..	.06%			

## Warehouse Stocks from Coast to Coast



**DIAMOND ALKALI COMPANY**  
PITTSBURGH, PENNA



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of the future of the industry is one  
thought and action that has main-  
tained Solvay leadership since 1881.  
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Solvay Fluf (Extra Light Soda Ash)

Solvay 58% Soda Ash

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Solvay 76% Caustic Soda

Solid—Flake—Ground

Solvay Super Alkali

Solvay Snow Flake Crystals

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Solvay Laundry Soda

Solvay Cleansing Soda

Solvay Tanners Alkali

Solvay Tanners Soda

Solvay Liquid Caustic Soda

Solvay Calcium Chloride 73%—75%



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# Chemicals

## SODA CAUSTIC—(Continued)

Pmpt. and spot, Basis 76%		
c/l wks. ....100lb	...	3.30
Contract 74% low grade c/l		
wks. flat ....100lb	...	3.02
Ground & flake, 76% pmpt. and		
spot, wks. c/l drs. ....100lb	...	3.60
Contract 76% drums c/l wks.		
flat ....100lb	...	3.50
USP, stick, 10lb cans. ....10	...	.21
Pure, stick, by alcohol. ....25	...	.27
<b>SODIUM ACETATE, crys. 450lb bbls.</b>		
wks. ....100lb	.04%	.05%
Aluminate, 500lb bbls, wks. ....100lb	.07%	.08
Aluminum Sulfate, see alum. soda		
Arsenite, 4lb mat. wks. drums. gal	1.00	1.20
Benzonate, USP, 100lb bbls. ....100lb	.62	.65
Bicarbonate, 400lb bbls. NY. 100lb	...	2.25
Bbls. c/l wks. ....100lb	...	2.00
112lb kegs wks. ....100lb	...	2.25
112lb kegs, NY. ....100lb	...	2.50
Bichromate, 500lb cans wks. ....100lb	.06%	.06%
Casins, c/l NY. ....100lb	.06%	.06%
Carls, NY. ....100lb	.06%	.06%
Bisulfite dry powder, 500lb		
bbls., wks. ....100lb	.04	.04%
Solution, 32-40°, 500lb bbls.		
wks. ....100lb	1.25	1.75
Bromate, 100lb ca. ....100lb	...	1.05
BROMIDE, USP, 450lb bbls. ....100lb	.48	.49
Cases, 50lb ....100lb	.48	.49
Imp. USP, 112 ca. ....100lb	.43	.45
Caeocylate, USP, 5lb. bot.		
25lb ....100lb	5.50	5.90
Carbonate, nat. soda, 550lb bbls.		
le/l NY. ....100lb	1.30	1.35
Works c/l ....100lb	1.10	1.30
Monohydrate, 400lb bbl.		
le/l NY. ....100lb	...	2.40
Pure photographic, 100lb		
leg ....100lb	.08	.08
Chlorate, 112lb kegs, wks. ....100lb	...	.06%
Imported, 112lb kegs. ....100lb	.06%	.06%
Imp. 450lb cks. ....100lb	.09	.09%

## SODIUM—(Continued)

C. F., 300lb bbls. ....100lb	.05	.08
Chromate, 800lb bbls. ....100lb	...	.08
Citrate, USP, 1L, 50lb kegs. ....100lb	...	.59
USP, VIII, 50lb kegs. ....100lb	...	.52
Cyanide, 96-98%, 100lb cases		
wks. ....100lb	...	.22
Ton lots, wks. ....100lb	...	.22
73-76%, 100lb cases, wks. ....100lb	...	.19%
125-128%, 260lb ca. ....100lb	.20	.20%
120-125%, 200lb ca. ....100lb	.17	.18
118-120%, 200lb ca. ....100lb	.16	.17
Fluoride, 300lb bbls, wks. ....100lb	.08%	.09%
Imp. 350lb bbls. ....100lb	.08%	.09
Glycerophosphate, USP, cryst. 25lb		
cans. ....100lb	1.40	1.50
Powder, 25lb tins. ....100lb	1.45	1.60
Solution, USP, 35lb tins. ....100lb	1.05	1.15
Hydroxide, see Soda Caustic		
Hypochlorite, Soln., 100lb clys. ....100lb	...	.05
14 1/4% soln., 50lb clys. ....100lb	...	.04
Hydrosulfite, 200lb bbls. rob. wks. ....100lb	.22	.24
For Stripping, 50lb cans. ....100lb	.35	.40
Hypophosphite USP 25lb cans		
....100lb	.70	.75
<b>HYPOSULFITE, tech. pea crys.</b>		
375lb bbls. wks. ....100lb	2.65	3.05
Bbls. c/l wks. ....100lb	...	2.50
100lb kegs wks. ....100lb	2.75	3.35
Imp. ....100lb	2.50	2.65
Granulated, bbls. wks. ....100lb	2.90	3.30
Bbls. c/l wks. ....100lb	...	2.75
Kegs, wks. ....100lb	3.00	3.60
Regular crystals. ....100lb	2.35	2.65
Iodide, USP, 25lb jars. ....100lb	4.25	4.30
Metasilicate, 150lb bbls. ....100lb	.55	.70
Naphthionate, 300lb bbls. ....100lb	.59	.62
Nitrate, crude, 95%, 300lb bbls.		
c/l NY. ....100lb	...	2.45
Future, NY. ....100lb	2.47	2.51
Double Refined 400lb bbls		
gran. c/l wks. ....100lb	...	.04%
Nitrite, 500lb bbls., spot makers. ....100lb	...	.09
Imp. 650lb cans. ....100lb	.09%	.09%
Ortho-Chloro-Toluene Sulfonate,		
175lb bbls., wks. ....100lb	.25	.27

## SODIUM—(Continued)

Oxalate, neutral, 100lb kegs. ....100lb	...	.39
Perborate, 275lb bbls. ....100lb	...	.21%
Imp. 225lb drs. ....100lb	...	.23
Peroxide, 200lb cases. ....100lb	.25	.37
Phosphate, di-sodium, tech. 550lb		
bbls. ....100lb	.03%	.03%
USP, gran. 275 bbls. ....100lb	.07	.07%
Imp. gran. ....100lb	.05%	.06
USP, recryst. 275 bbls. ....100lb	.10	.11
Mono-sodium, 100lb kegs. ....100lb	.24	.26
Tri-sodium, tech., c/l bbls. ....100lb	.03%	.04
Picramate, 100lb kegs. ....100lb	...	.60
Para-Toluene Sulfonate, 175lb		
bbls. ....100lb	.08	.09
<b>PRUSSIAN, yellow, 350lb bbls.</b>		
wks. ....100lb	.09%	.10
Imp. 450lb cks. ....100lb	.09%	.10%
Pyrophosphate, 100lb kegs. ....100lb	.24	.28
Salticlate, 100lb kegs. ....100lb	...	.40
Second Hands, USP, kegs. ....100lb	.37	.49
Silicate, 60° 700lb bbls., f.a.s.		
NY. ....100lb	...	1.60
Works, 1000lb drums. ....100lb	...	1.80
Works, tanks. ....100lb	...	1.75
40° domestic, 700lb c/l f.a.b.		
wks. ....100lb	...	.80
Works, 1000lb drums. ....100lb	...	.85
Works, tanks. ....100lb	...	.75
Spot, drums, bbls. ....100lb	1.05	1.80
Silicofluoride, 450lb bbls. NY. ....100lb	.04	.04%
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550lb bbls.		
c/l wks. ....100lb	.03%	.04
Imp. 250lb bbls. ....100lb	.03	.03%
Sulfide, 60% solid, 650lb drs.		
le/l wks. ....100lb	.04	.04%
Dr. c/l wks. ....100lb	.03	.03%
Imp. 700lb drs. NY. ....100lb	...	.03%
60% broken, 650lb drs. wks. ....100lb	...	.04%
Imp., 500lb drs. NY. ....100lb	.03%	.04
30% crys. 440lb bbls. wks. ....100lb	.02	.02%
Imp. 400lb bbls. ....100lb	.02	.02%
Sulfite, crys. 400lb bbls. wks. ....100lb	.03%	.03%
Anhydrous, 400lb bbls. ....100lb	.09%	.10



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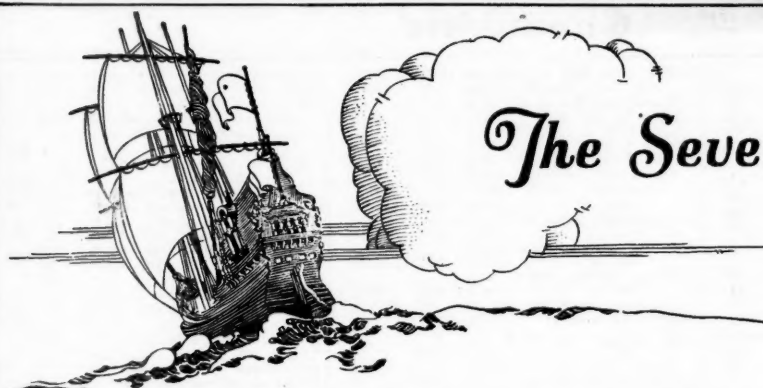
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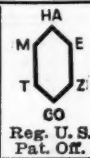
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Intermediates, Cotton Finishes, Turkey Red Oils,  
Soluble and Leather Oils.**

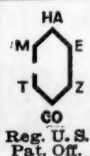
*manufactured by*

Consolidated Color & Chemical Co.

Central Dyestuff & Chemical Co.

Williamsburg Chemical Co.

and Other American Manufacturers



**H.A. METZ & CO. Inc.**  
One-Twenty-Two Hudson Street, New York City.



## Chemicals

<b>SODIUM—(Continued)</b>			<b>SULFUR, crude bulk, c/1 NY...</b>		
Sulfocarbonate, USP, 100 lb kegs	.35	.37	Crude, f.o.b. mines	14.00	15.00
kegs	.35	.37	Brimstone, 250 lb bags, c/1 100 lb	1.75	1.95
Sulfocyanide, 400 lb bbls	.45	.47	Less c/1 bags NY	1.85	2.10
Tungstate, crys. 100 lb kegs	.55	.60	Roll, 500 lb bbls, c/1 NY	2.15	2.45
Anhydrous, kegs	...	.75	Less c/1 bags NY	2.20	2.45
<b>SOLVENT NAPHTHA, 110 gal.</b>			Flour, Heavy, 290 lb bbls, 100 lb	2.50	3.05
dra. wks.	.29	.30	Light, 100%, 260 lb bbls, 100 lb	2.60	3.15
8000 gal. tank cars, wks gal	.24	.25	Runnersmakers 100%	240 lb	
Spartein Sulfate, USP, 2500 bulk, oz	.30	.40	bbls, NY	100 lb	2.50 3.30
Single oz. vial	...	.47	Commercial, 99%, 150 lb bgs	1.35	1.65
Starch, rice, 140 lb bags	.09	.10	For Dusting, 99%, 100 lb	2.00	2.50
<b>STRONTIUM Bromide, USP, 50 lb</b>			bgs, NY	100 lb	
kegs	.51	.52	Flowers, 100%, 240 lb bbls	3.00	3.85
Carb. 600 lb bbls, wks	...	.07	NY	100 lb	
100 lb kegs, wks	...	.08	Precipitated, 125 lb bbls NY	.14	.17
Iodide, USP, 25 lb jars	...	4.00	Lac, 125 lb bbls NY	.07	.10
Nitrate, 600 lb bbls, wks	.10	.10 1/2	Sulfur Chloride, red, 700 lb dra.	.08	.07
Imp., bbls, NY	...	.09 1/2	wks	...	.07
Sulfolate, USP, 100 lb kegs	.75	.80	150 lb cbs, wks	...	.08
<b>STRYCHNINE Alkaloid, USP, crys.</b>			Yellow, 700 lb dra. wks	.05	.06
100 oz. time	...	.81	150 lb cbs, wks	...	.07
Alk. powd., USP	...	.71	Sulfur Dioxide, 100 lb cyl.	.08	.08 1/2
Acetate	...	.80	Iodide, USP, VIII, 5 lb bot.	...	4.55
Glycerophosphate, USP	...	.80	Sulfuric Ether, see Ether		
Hydrobromide	...	.80	Sulfuryl Chloride, 600 lb dra.	.75	1.00
Hydrochloride	...	.80	TALC, Italian 220 lb bags NY	40.00	50.00
Hydrophosphite	...	.90	Refined white, bags	60.00	80.00
Nitrate, USP	...	.80	French, 220 lb bgs, NY	30.00	35.00
Phosphate	...	.80	Refined, white, bags	35.00	45.00
Sulfate, USP, crys. powd.	...	.57 1/2	Dom., crude, 100 lb bags NY	13.00	15.00
Saccharinate	...	1.92	Refined, 100 lb bags NY	16.00	18.00
Strychnine preparations quoted bases			Tar, Coal Gas, Tks, wks	.06	.08
1000s lots in 1000s tins. Small Stems;			Coke Oven Tks, wks	.07	.08
3/4 oz vials, 50c extra; 3/4 oz vials, 35c			Water Gas, Tks, wks	.06	.08
extra; single ounce vials, 7c extra. Lots			Tartar Emetic, tech. 700 lb bbls	.24	.25
of 25 ozs. 5c higher than above			USP, 300 lb bbls	.31	.34
schedule. Lots of less than 25 ozs.			Terpin Hydrate, USP, 100 lb kegs	.60	.62
10c higher per oz.			Terpineol, CP 1000 lb drums	.48	.50
Sugar Coloring bbls	.63	.72	Cars, 50 lb	.53	.57
Sugar Milk, USP, 200 lb bbls	.21 1/2	.22	Imported, cans, 25 lb	.95	1.20
Second Hands, USP, bbls	.19	.20	Terpenyl Acetate, 25 lb cans	1.65	1.85
Sulfonal, see Sulfonmethane			Terra Alba, No. 1, 300 lb bbls	1.85	1.90
Sulfonethylmethane, USP, 10 lb bbs	3.85	4.05	No. 2, bbls	1.25	1.35
Sulfonmethane, USP, 10 lb bbs	2.65	2.85	Theobromine Alk., 5 lb cans	4.00	4.10
			and Sod. Salicylate, 1 lb bot.	...	3.42
			Phiocarbanilid, 170 lb bbls	.27	.29
			Thymol, USP, 25 lb tins	5.25	5.50
			TIN, Metal Straits, NY	100 lb	58.13
			Iodide, 5 lb boxes	7.25	7.80
			American standard, NY	100 lb	56.25
			99% American, NY	100 lb	55.75
			Bichloride, 50% soln. 100 lb		
			bbls, wks	...	.15 1/2
			Crystals, 500 lb bbls, wks	...	.38 1/2
			100 lb kegs, wks	...	.39
			Oxide, 300 lb bbls, wks	...	.58
			100 lb kegs, wks	...	.60
			Tetrachloride, 1000 lb dra. wks	...	.31 1/2
			Titanium Oxide, bbls, wks	.13	.14
			Toluidine, 350 lb bbls	1.00	1.10
			Sulfate, 350 lb bbls	...	1.10
			Toluene, 8000 gal. tank cars, wks gal	...	.20
			110 gal. dra. wks	...	.31
			Tolidine, Mixed, 900 lb dra. wks	.31	.32
			Triacetin, 50 gal. dra, wks	...	.37 1/2
			Trichlorophenol, 100 lb cans	...	1.00
			Trional, see Sulfonethylmethane	...	.80
			Triphenylguanidine	...	.85
			Triphenyl Phosphate, 450 lb bbls	...	.85
			Tripoli, 500 lb bbls	2.50	3.00
			Tungsten NY	...	8.80
			Ultramarine Blue	.15	.20
			UREA, pure, 112 lb cases	.18	.20
			VANILLIN, USP, 500 oz. cans	...	.49 1/2
			Cans, 80 ozs	...	.50
			Cans, 16 ozs	...	.81
			Second Hands	.47	.50
			Venetian Red	...	.08
			Verdigris, see Copper Subacetate	...	
			Vermilion, Amer. 100 lb kegs	.35	.40
			English, kegs	1.25	1.30
			Veratrine Sulfate, 10x vial	...	1.85
			Hydrochloride, 10x vial	...	1.85
			Veronal, see Acid Diethylbarbiturate	...	
			WHITE LEAD, see lead, white	...	
			White Precipitate, see mercury	...	
			Whiting, 200 lb bags, c/1 wks ton	13.00	15.00
			Bags, 1c/1 NY	...	18.00
			Gilders, bags, NY	13.50	15.00
			French, bags, NY	...	18.00
			English, bags, NY	...	21.00
			Witch Hazel Extract, 50 gal. bbls gal	1.05	1.10

**R. W. GREEFF & CO.**  
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Amyl Acetate

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Butyl Acetate

Acetine

Monacetine — Triacetine

Dibutylphthalate



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### SPECIALLY FRACTIONATED COAL TAR SOLVENTS

for  
*Vegetable Oil Extraction*

The *Barrett* Company

40 Rector Street  New York, N. Y.

*Coast to Coast Producing Points!*

## Chemicals

XYLENE, 3° dist range, nitration	.45	: .50
110 gal. drs. NY	.50	: .55
5° dist. range, 8000 gal. tanks		
Wks.	.35	: .40
110 gal. drs. wks.	.40	: .45
10° dist. range, drums, wks.	.35	: .40
Tanks, wks.	.25	: .26
Commercial 110 gal. drs., wks.	.30	: .31
Tanks, wks.	.25	: .26
Xylidine	.40	: .45
YARA YARA, 1 lb tins	1.65	: 1.80
Tobacco Hydride, 1 cu. vial.	3.00	: 3.57
ING. METAL, high grade, slabs		
c/l NY	8.25	
Common Slabs, c/l NY	8.02½	: 8.07½
Mossy, 25 lb bxs NY		: .14
Ammonium Chloride, powd., 400 lb		
bbls.	.07½	: .08
Carb. tech. 150 lb kegs NY		: .20
USP, 100 lb kegs		: .33
Chloride, fused, 600 lb drs. wks.		: .06
Drs. c/l wks.	.04½	: .05
Crystallized, 500 lb bbls. wks.	.07	: .07½
Imported, drs. NY	.06½	: .06½
Solution, 50% tanks wks. 100 lb	2.25	: 2.50
USP, 25 lb jars	.27	: .29
Cyanide, 100 lb drs.	.40	: .41
Dust, 100 lb tins, wks.	.09	: .09½
500 lb bbls., kegs, c/l wks.		: .09½
500 lb bbls., kegs, c/l wks.		: .08½
Iodide, 5 lb bota.	.53	
Nitrate, 25 lb jars		: .45
Oxide, Amer. 300 lb bbls. wks.	.08½	: .08½
French, 300 lb bbls. wks.	.10½	: .12½
Bbl c/l wks.	.09½	: .11½
USP, 100 lb bbls. c/l.	.09½	: .10½
USP, 100 lb bbls. c/l.		: .17
Ton lots, wks.		: .18
Imported, white seal, bbls.		: .12
Green seal, bbls.		: .10
USP 100 lb bbls.	.15½	: .16
Sulfate, 400 lb bbls., wks.	.18½	: .19
Stearate, USP, 50 lb bbls.	.03½	: .03½
Bbls., c/l wks.		: .03
USP, 100 lb kegs	.08	: .09
Sulfide, 500 lb bbls.	.30	: .33
Sulfocarbonate, 100 lb kegs	.32	: .35

## Oils

Castor, No. 1, 400 lb bbls.	.17½	: .18
80 lb cases		: .18½
No. 3, bbls.	.17	: .17½
Blown, 400 lb bbls.		: .19
China Wood, bbls., spot NY	.15½	: .15½
Tanks, Spot, NY		: .15½
Dec. forw. arr. NY bbls.	.15½	: .15½
Cat., tks., Dec. forw.	.13½	: .14
Cocunut Ceylon, 375 lb bbls., NY	.11½	: .11½
8000 gal. tanks, NY	.10½	: .10½
Cochin, 375 lb bbls., NY	.12	: .12½
Tanks, NY		: .11½
Manila tanks, P. Coast.		: .09½
Manila, tanks, NY		: .10
Edible, bbls., NY	.12½	: .13
Cod Newfoundland, 50 gal. bbls. gal	.60	: .62
Tanks, NY	.57	: .58
Copra, bags	.08	: .08½
Corn. ref., 375 lb bbls., NY	.14	: .14½
Crude, tanks mills		: .10½
Bbls., NY		: .12
Cottonseed, crude, tks., mill.		: .10
P. S. Y., 100 bbls. NY	.11½	: .12½
White, 100 bbls. lots, NY		: .14
Winter yellow, 100 bbls., NY		: .14
Degras, Amer. 50 gal. bbls., NY	.04½	: .04½
Engish, light, bbls., NY		: .05½
Brown, bbls., NY	.04	: .04½
Light brown, bbls., NY	.04½	: .05
Dark, bbls., NY	.03½	: .04
Neutral, bbls., NY	.10	: Nom.
Moellon, bbls., NY		: .50
Greases, choice white, bbls. NY	.14	: .14½
Yellow		: .09½
Brown		: .08½
House	.09½	: .10
Bone naphtha		: .07
Herring, Tanks, Coast		: Nom.
Horse, 375 lb bbls., NY		: Nom.
Lard, prime steam, bbls.	.15½	: .16
Compounds, bbls.		: .13

LARD OIL, Edible, prime, bbls.		: .19½
Off prime, bbls.		: .17½
Extra, bbls.		: .16½
Extra, No. 1, bbls.		: .14½
No. 1, bbls.		: .14
No. 2, bbls.		: .13½
LINSEED, raw c/l bbls., spot		: 1.13
Five bbls., raw		: 1.17
Boiled, 5 bbl. lots		: 1.19
Double Boiled, 5 bbl. lots		: 1.20
Raw, 1c/l bbls.		: 1.09
Tanks		: 1.07
Dec., Feb., c/l wks.		: 1.13
Mar., Apr., c/l wks.		: 1.14
May-June, c/l wks.	1.15	: 1.17
Imported, bbls., NY		: .
Tanks, NY		: .
Menhaden, crude bbls., wks.		: .
Crude, tanks, Balt.		: Nom.
Light strained, bbls., NY	.70	: .72
Yellow, bleached, bbls., NY	.73	: .75
Extra bleached, bbls., NY	.75	: .77
Blown, bbls., NY		: .80
Neatfoot, 20° c.t. bbls., NY		: .19
Pure, bbls., NY		: .15½
Extra, bbls., NY		: .13½
No. 1, bbls., NY		: .14
Oleo Oil, No. 1, bbls., NY	.16	: .16½
No. 2, bbls., NY	.15	: .15½
No. 3, bbls., NY		: .14
OLIVE, denatured bbls., NY	1.30	: 1.35
Edible, bbls., NY	2.15	: 2.25
Foots, bbls., NY		: .10
Shipments new crop		: .09½
Palm Lagos, 1500 lb casks	.09½	: .10½
Niger casks	.09	: .09½
Bonny old Calabar, casks		: Nom.
Palm Kernel, bbls., NY	.10½	: .10½
Peanut, refined, bbls., NY		: .16
Crude, mills buyers' tks.		: .
Crude, bbls., NY		: .11½
Perilla, bbls., NY		: .15
Poppyseed, bbls., NY	2.25	: 2.50

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# Oils and Fertilizers

Rapeseed, refined, bbls., NY....gal	.99	: 1.00
Blown, bbls., NY .....	1.00	: 1.08
Red Oil, distilled, bbls. ....	...	: .11%
Saponified, bbls. ....	...	: .11%
Tanks .....	...	: .11
Salmon, 8000 gal. tks. Coast....gal	...	: ...
Sesame, edible, bbls. ....	...	: Nom.
Sed Oil, bbls., NY .....	...	: .40
SOYA BEAN, crude, tks. Coast..b	...	: .113%
Crude, tks., NY .....	...	: .12%
Crude, bbls., NY .....	...	: .13%
Refined, bbls., NY .....	...	: .14
Sperm, 38° c.t. blechd. bbls. NY.gal	.92	: .93
45° cold test, blechd. bbls. NY. gal	...	: .90
STEARIC ACID, s.p. 200 lb' bags. lb	...	: .13
Double pressed, bags .....	...	: .14
Double pressed, bgs., saponified. lb	...	: .14
Triple pressed, bgs., distilled.. lb	...	: .16
Triple pressed, bgs., saponified. lb	...	: .16
Stearine, olio, bbls. ....	...	: .11%
Tallow, edible, tierces. ....	...	: .12
City, extra loose .....	...	: .10%
Tallow Oil, acidless tks., NY....	...	: .12
Bbls., c/1 NY .....	...	: .13%
Walnut, crude bbls., NY.....	...	: ...
Whale, nat winter bbls., NY....gal	...	: .77
Richd. winter bbls., NY .....	...	: .81
Extra Blechd. bbls., NY .....	...	: .88
Crude, No. 1, tanks Coast....gal	...	: ...
Crude, No. 2, tanks Coast....gal	...	: ...
Crude, No. 3, tanks Coast....gal	...	: ...

## Fertilizer Materials

Blood, dried, f.o.b. NY .....	unit	: 3.60
Chicago .....	unit	: 3.60
Bone, 3 & 50 gr. steam. Chgo..unit	23.00	: 23.00
Raw, NY .....	ton	: 37.00
Cyanamide, NY, basis .....	unit	: 1.65
Fish Scrap, dried wks. ....	unit	: 5.00 & 10
Acid, Bulk 7 & 3 1/2, Deliv. ....	...	: ...
Norfolk & Balt. basis. ....	unit	: 4.00 & 50
Steamed Bone Meal, 3 & 50 Balt. ....	ton	: 28.00
Tankage, ground, NY .....	unit	: 3.40 & 10
High grade f.o.b. Chicago .....	unit	: 3.36 & 10

Ammon. Sulf., bulk wks. ....100 lb	2.75	: 2.80
Double, bgs., f.a.s. NY....100 lb	3.00	: nom.
Single, bgs., wks. ....100 lb	...	: 2.90
NITRATE SODA, spot .....	100 lb	: 2.45
Future, Jan-Mar. ....100 lb	2.47	: 2.50
Phosphate Rock, f.o.b. mines .....	ton	: 2.15
Florida Pebble, 68% .....	ton	: 2.25
Florida Pebble, 70% .....	ton	: 2.35
Florida Pebble, 75-74% .....	ton	: 2.75
Tennessee, 72% .....	ton	: 5.50
Phosphate Acid, 16% Bulk wks. ....	ton	: 9.50
PCTASH .....	...	: ...
Pot. Murate, basis, 80% bgs., ton	...	: 34.55
Pot. Sulfate, basis, 90% bgs., ton	...	: 45.85
Dbble. Manure Salts, basis 48% bgs. ....	ton	: 26.35
Manure Salts, basis, 30% bulk. ....	ton	: 17.03
Manure Salts, basis, 20% bulk. ....	ton	: 10.55
Kainit, basis, 12.4% bulk. ....	ton	: 7.75
Bulk in bags, \$2.00 extra. ....	...	: ...
Prices c.i.f. Atlantic & Gulf Ports. ....	...	: ...
Discounts, 50 tons, 5%; 500 tons, 10%. ....	...	: ...

## Naval Stores

(Caribbean ex-yard N. Y.)

Spirits Turpentine, bbls. ....gal	...	: .83 1/2
Wood Turpentine, stm. dist. bbls. ....	gal	: .72 1/2
Destructive, distilled, bbls. ....gal	.68	: .70
Pine Oil, stm. dist. bbls. ....gal	...	: .66
Pitch, prime .....	bbl	: 5.50
Resins, (Sold in 600 lb bbls., gross for net, quotations based on a unit of 280 lb.).	...	: ...
B .....	280 lb	: 7.65
D .....	280 lb	: 7.65
E .....	280 lb	: 7.65
F .....	280 lb	: 7.65
G .....	280 lb	: 7.70
H .....	280 lb	: 7.70
I .....	280 lb	: 7.75
K .....	280 lb	: 7.90
M .....	280 lb	: 8.00
N .....	280 lb	: 8.25
WG .....	280 lb	: 9.05
WW .....	280 lb	: 9.90

Rosin Oil, first run, 50 gal. bbls. ....gal	...	: .45
Second run, bbl. ....	gal	: .47
Tar, kiln-burnt .....	bbl	: 12.50
Retort .....	bbl	: 12.00

## Dye and Tan Woods

Barwood, chips .....	lb	: .04 1/2
Camwood, chips .....	lb	: .09
Dist. Dist., pods, bags .....	ton	: 41.00
Fustic, sticks .....	ton	: 30.00
Chips .....	lb	: .04
Hemlock, bark .....	ton	: 20.00
Hyperic. chips .....	lb	: .06 1/2
LOGWOOD, sticks .....	ton	: 23.00
Chips 150 lb bags .....	lb	: .03
Mangrove bark, African .....	...	: Nom.
Myrobalans, bags J1 .....	ton	: 48.00
R1 .....	ton	: 48.00
J2 .....	ton	: 40.00
Nutgalls, see Crude Drugs	...	: ...
Oak bark, whole .....	ton	: 20.00
Ground .....	ton	: 25.00
Quercitron bark, rough .....	ton	: 10.00
Ground .....	ton	: 20.00
Sumac, Sicily, 160 lb bags .....	ton	: 180.00
Virginia, 150 lb bags .....	ton	: 50.00
Valonia Caps, 30-31% tan .....	ton	: 35.00
Beard, 42% tan, bgs. ....	ton	: 52.00
Mixtures, 36% tan .....	ton	: 39.00
Wattle bark, bgs. ....	ton	: 41.00

## Extracts

Range of prices includes quality range for large quantity.	...	: ...
Annatto, fine .....	lb	: .23
Archil, double 600 lb bbls. ....	lb	: .13
Triple, 600 lb bbls. ....	lb	: .16
Conc., 600 lb bbls. ....	lb	: .18

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## Tannins and Dyestuffs

Chestnut, clarified, 25% tka. wis. lb	.01%	.02
Bbbs., wis. .... lb	.02%	.02%
Powd., 60% 100 lb bags, wis. lb	.05%	.05%
Decolorized, bags, wis. .... lb	.06%	.07
Cudbear, English .... lb	.18	.20
Cutch, Bangoon, 100 lb bales.... lb	.14	.16
Borneo, solid, 100 lb bales.... lb	.04%	.05%
Liquid, 450 lb bbls. .... lb	.07%	.11
Tablets, 120 lb boxes .... lb	.13	.14
Flavine .... lb	.95	1.00
Fustic, solid 50 lb boxes .... lb	.19	.20
Crystals, 100 lb boxes .... lb	.20	.21
Liquid, 51°, 600 lb bbls. .... lb	.10	.14
Gall extract .... lb	.16	.18
Hambr, 25% liq. 450 lb bbls. .... lb	.11%	.15
Common, 200 lb cases .... lb	.19%	.20
Singapore cubes, 150 lb bags. .... lb	...	.22
HEMATINE, Paste, 500 lb bbls. .... lb	.09%	.13
Crystals, 400 lb bbls. .... lb	.14	.20
Hemlock, 25% 600 lb bbls. wis. .... lb	.03%	.03%
Hypertic, 51°, 600 lb bbls. .... lb	.16	.18
Indigo, Madras, bbls. .... lb	.85	.90
Mailla, bbls. .... lb	...	1.30
Larch, 25%, 600 lb bbls., wis. .... lb	.03%	.04
Powd. 100 lb bags, wis. .... lb	.07	.08
Logwood, 51°, 600 lb bbls. .... lb	.08%	.09
Lower grades .... lb	.07	.08
Solid, 50 lb boxes .... lb	.12%	.16
Madder, Dutch .... lb	.28	.30
Mangrove, 55% 400 lb bbls. .... lb	.04%	.05
Myrobals, 25% liquid bbls. .... lb	.04	.05
50% solid, 50 lb boxes .... lb	...	.08
Oak, tanks, wis. .... lb	...	.03%
23-25% liq. 600 lb bbls. wis. .... lb	.04%	.04%
Orange Orange, 51° liquid. .... lb	.07	.08
Powd. 100 lb bags. .... lb	.14	.15

Persian Berries .... lb	.27	.30
QUEBRACHO, 35% liquid tka. .... lb	.03%	.04
450 lb bbls. .... lb	.03%	.04
35% bleaching, 450 lb bbls. .... lb	.04%	.05%
Solid 65% 100 lb bales .... lb	...	.04%
Clarified, bales .... lb	...	.05
Quercitron, 51° 450 lb bbls. .... lb	.06%	.08
Powdered, 100 lb boxes .... lb	.10%	.13
Spruce, 25% liquid tanks wis. .... lb	.01	.01%
Powd. 50% 100 lb bags wis. .... lb	.02	.02%
Sumac, liquid 450 lb bbls. .... lb	.06	.07%
Stainless, 600 lb bbls. .... lb	.11	.12

## DYES' SUNDRIES

Albumen, technical, egg 200 lb cs. .... lb	...	1.35
Blood, 100 lb dra. .... lb	.50	.55
Egg Yolk, Spray, 150 lb cs. .... lb	.45	.65
British Gum, 140 lb bags c/l 100 lb	...	4.82
Bags, c/l .... lb	...	4.92
Dextrin, corn 140 lb bags c/l 100 lb	...	4.52
Bags, le/l .... lb	...	4.62
Yellow, bags c/l .... lb	...	4.57
Bags, le/l .... lb	...	4.67
Potato, 220 lb bags, c/l .... lb	...	.08%
Bags, le/l .... lb	...	.08%
Yellow, 220 lb bags .... lb	...	.08
Taploca, 2(0) lb bags, le/l .... lb	...	.09
Prussian blue .... lb	.35	.40
Sago Flour, 150 lb bags .... lb	...	.03%
STARCH, powd. 140 lb bags c/l 100 lb	...	3.97
Bags, le/l .... lb	...	4.07
Pearl, 140 lb bags c/l .... lb	...	3.87
Bags, le/l .... lb	...	3.97
Potato, domestic, 200 lb bags .... lb	.05%	.06
Imported, bags duty paid. .... lb	...	.06%
Taploca Flour, high grade bags. .... lb	.05%	.06
Medium grade bags .... lb	.04%	.05
Low grade, bags .... lb	.03%	.04%
Turkey Red Oil, bbls. .... lb	.11	.12
Yolk Oil, bbls. .... lb	...	.35

## Crude Drugs

Accrodes Gum, yel. .... lb	.18	.20
ACONITE Leaves, bales .... lb	.10	.12
Root, USP, bags .... lb	.35	.37
Aggar Aggr, 1, 200 lb bales .... lb	1.55	1.60
No. 2, bales .... lb	...	1.50
No. 3, bales .... lb	...	1.35
Agaric, white, cases .... lb	2.75	3.00
Almonds, bitter, bags bxs. .... lb	.50	.55
Sweet, bags .... lb	.54	.57
Mead, tins, boxes .... lb	.24	.26
Aletris Root, bags .... lb	.42	.44
Alkanet Root, bags .... lb	.08	.09
Alcea, Barbados, 120 lb bbls. .... lb	.65	.70
Cape, 400 lb cases .... lb	.08%	.09
Curacao, 100 lb cases .... lb	.10%	.11
Socotrine, whole, 100 lb cs. .... lb	.25	.30
Select, cakes, lb .... lb	.35	.37
Althea Root, cut cases .... lb	.40	.45
Whole, bags .... lb	.11	.12
Ambergris, black boxes .... lb	8.00	10.00
Grey, boxes .... lb	...	36.00
Ammoniac, tears, bags .... lb	.88	.73
Angelica Root, dom. bags .... lb	.12	.13
Angustura Bark, bags .... lb	...	.15
Anise, Levant bags .... lb	.13	.14
Russian, bags .... lb	.13	.14
Star, cases .... lb	.11	.11%
Spanish, bags .... lb	.15	.15%
Anatto Seed, 200 lb bags .... lb	.21	.22
ARABIC GUM, .... lb	...	...
White, No. 1, 200 lb bags .... lb	.26	.27
Seconds, 250 lb bags .... lb	.24	.25
Sorts, amber, 200 lbs. bbls. .... lb	.13	.13%
Powd., USP, 300 lb bbls. .... lb	.18	.20
Arcea Nuts, 150 lb bags .... lb	.21	.22
Powd., 200 lb bbls. .... lb	.23	.24
Arnica, Flowers, bales .... lb	.11	.12
Root, bags .... lb	.25	.30
Arrowroot, Amer., prod. bbls. .... lb	.10%	.11
St. Vincent, powd., bbls. .... lb	.13	.14
Asafetida, USP, 250 lb cases .... lb	.23	.25
Powd., 50 lb bxs. .... lb	.38	.40
BALM GILEAD BUDS, bags .... lb	.45	.50
Balmory Herbs, bales .... lb	...	.14

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<b>BALSAMS</b>			Canella Alba Bark, bales.....	.53	: .55	Cinnamon, Ceylon, bales.....	.41	: .42
Copaiba, Para, 80 lb cs.....	.43	: .45	Cannabals, true imp. bags.....	...	: ...	Broken, bales.....	.30	: .32
South American, 80 lb cs.....	.48	: .50	American (no assay) bales.....	.35	: .40	Civet, Abyssin horns.....	2.75	: 3.75
Flr Canada, case.....	11.00	: 11.50	USP.....	.50	: .70	Clover Tops, bags.....	.17	: .18
Oregon, bbls., case.....	1.00	: 1.10	Cantharides, Chinese cases.....	.95	: 1.00	Cloves, Zanzibar, 135 lb bales.....	.30	: .31
Peru, 120 lb cases.....	1.95	: 2.05	Powdered, boxes.....	1.15	: 1.20	Amboyas, bales.....	.30	: .31
Tolu, 120 lb cases.....	1.65	: 1.75	Cantharides, Russian, cases.....	.85	: .90	Penang, bales.....	.40	: .42
Bamboo Brier Root, bags.....	.05 1/4	: .06	Powdered, boxes.....	1.00	: 1.10	Cochineal, USP, boxes.....	.45	: .47
Barberry Bark, tree bales.....	.11	: .13	Caraway Seed, African, bags.....	.10 1/4	: .10 1/4	Coca Leaves, Huancayo bags.....	...	: ...
Root, bags.....	...	: ...	Dutch, 11 lb bags.....	.11	: .11 3/4	Trudillo, bags.....	...	: ...
Bayberry Bark, bales.....	.10	: .12	Cardamom, bleached, cases.....	2.25	: 2.35	Cohosh Root, Black bags.....	.08	: .08 1/2
Wax, bbls.....	.21	: .22	Decorticated, cases.....	2.00	: 2.10	Blue, bags.....	.10	: .10 1/2
Belladonna Leaves, bales.....	.25	: .27	Green, grinding, bags.....	1.65	: 1.75	Colchicum Root, bags.....	.07	: .08
Root, bags.....	.13	: .14	Caruba Wax, Flor. bags.....	.39	: .42	Seed, bags.....	.17	: .19
Bees Wax, white cases.....	.45	: .50	No. 1 N Country bags.....	.34	: .36	Colocynth, apples, cases, bales.....	...	: ...
Yellow, refined, cases.....	.33	: .34	No. 2 N Country bags.....	.28	: .30	Pulp, USP, bales.....	.28	: .30
Crude, bags.....	.28	: .30	No. 3 Fatty Gray, bags.....	.22	: .23	Colombo Root, whole bags.....	.03	: .03 1/2
Benzoin Gum, Siam, boxes.....	1.30	: 1.35	No. 3 Chalky, bags.....	.22	: .23	Coltsfoot Leaves, bags.....	.05	: .06
Sumatra, 80 lb boxes.....	.25	: .27	Cascara Amarga, 150 lb bales.....	1.25	: 1.50	Comfrey Root, bags.....	.13	: .14
Berberis Aquifolium Root, bags.....	.14	: .15	Cascara Sagrada, bales, 1920-22	...	: ...	Condurango Bark, bales.....	.12	: .14
Beth Root, bags.....	.28	: .30	bark.....	.26	: .28	Copaiba Balsam Para, see Balsams	.12	: .14
Rittier Root, 100 lb bags.....	.40	: .42	1923 bark.....	.21	: .24	Copal Gum.....	.12	: .13
Blackhaw Bark, root, bales.....	.33	: .34	1924 bark.....	.14 1/4	: .15	Coriander Seed, Bombay bales.....	.06	: .06 1/2
Tree, bales.....	.15	: .16	Cascarilla Bark, quills bales.....	...	: ...	Morocco, bags.....	.07	: .07 1/2
Black Indian Root, 100 lb bags.....	.40	: .42	Siftings, bbls.....	...	: ...	Bleached, bags.....	.10 1/4	: .11
Blood Root, bags.....	.14	: .15	Cassia Buds, 66 lb cases.....	.12 1/4	: .13	Corn Silk, bales.....	.04 1/2	: .05 1/2
Blueflag Root, bags.....	.30	: .32	China, Whole Rolls, cases.....	.07 1/4	: .08	Cotton Root Bark, bales.....	.12	: .14
Boldo Leaves, bales.....	.20	: .21	Saigon, assort. bales.....	.30	: .31	Cowhage, oz. tins.....	...	: .55
Boneset Herb, bales.....	.08	: .09	Cassia Fistula, baskets.....	.09	: .10	Cramp Bark, so-called bales.....	.07	: .08
Borage Flowers, bales.....	.17	: .20	Castile Soap, USP, powd., 200 lb	...	: ...	True, bags.....	.30	: .32
Bryonia Root, bags.....	.10	: .11	bbls.....	.27	: .28	Cranesbill Root, bags.....	.16	: .18
<b>BUCHU LEAVES, short, 250 lb</b>			Castor Beans, bags.....	.03	: .03 1/2	<b>CUBES BERRIES, XX bags</b>		
bales.....	.76	: .78	Castoreum, 1 lb bot.....	4.00	: 4.50	Powdered, boxes.....	.63	: .65
Less, bales.....	.81	: .83	Catechu Gum, bags.....	.11	: .12	Culvers Root, bags.....	.22	: .23
Long, bales.....	...	: ...	Catnip Herb, bales.....	.25	: .29	Cumin Seed, Levant bags.....	.20	: .22
Buckthorn Bark, bags.....	.05	: .05 1/4	Celery Seed, bales.....	.30	: .30 1/4	Malta, bags.....	.19	: .19 1/2
Burdock Root, bags.....	.13	: .15	Ceratin Wax, white bags.....	.10 1/4	: .11	Morocco, bags.....	.18	: .18 1/2
Burgundy Pitch, dom., 110 lb stands	...	: ...	Yellow, 200 lb bags.....	.09	: .10	Cuttlefish Bone, Trieste, straps.....	.12 1/4	: .13
Gross for net.....	...	: .05	<b>CHAMOMILE FLOWERS, Roman</b>			Jewels, large, straps.....	...	: .50
Calabar Beans, bags.....	...	: ...	cases bales.....	.15	: .17	Small, straps.....	...	: .35
Calamus Root, bleached cases.....	.33	: .35	Hung. cases bales.....	.06	: .06 1/2	French straps.....	.12 1/4	: .13
Unbleached, bags.....	.06	: .07	Charcoal Willow, powd. bbls.....	.06	: .06 1/2	Powdered, boxes.....	.13	: .14
Calendula Petals, imp. bales.....	.18	: .20	Wood, powd. bbls.....	.04	: .05	Broken, boxes.....	...	: .07
Calisaya Bark, bales, powd.....	.25	: .26	Chestnut Bark, bags.....	.07	: .08	Damar Gum, 136 lb cases.....	.27	: .28
Campbor, see Chemicals	...	: ...	Herb, bales.....	.06	: .06 1/4	Damiana Leaves, bales.....	.45	: .48
Canary Seed, Morocco bags.....	.07 1/4	: .08	Chicle Gum, bags.....	.82	: .85	Dandelion Root, imp., bags.....	.23	: .25
South American, bags.....	.07	: .07 1/4	Chivetta, bales.....	.10	: .12	Deer Tongue Leaves, bales.....	.09	: .09 1/2
Candelilla Wax, bags.....	.28	: .30	Cinchona Bark, red quills bales.....	.60	: .70			
			Broken bales.....	.25	: .27			

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Digitalis Leaves, bales.....D	.09	: .10	Grains of Paradise, bags.....D	.15	: .16	LADY SLIPPER ROOT, bags.....D	.50	: .55
Dill Seed, bags.....D	.06	: .07	Grindelia Robusta Herb, bales...D	.07%	: .08%	Larkspur Seed, bags.....D	3.25	: 3.50
Dogwood Bark, Jamaica bags...D	.10	: .11	Gualac Gum, 80 lb cases.....D	.42	: .44	Laurel Leaves, bales.....D	.04%	: .05
American, bales.....D	.07	: .08	Guarana, tins, cases.....D	.60	: .65	Lavender Flowers, ordinary.....D	.22	: .24
Doggrass Root, USP, cut bags...D	.10	: .11	GUM, see Arabic Gum, etc.			Selected.....D	.28	: .38
Dragons Blood, mass cases.....D	.65	: .70	HELLEBORE ROOT,			Leeches, tubs.....Per 100	4.00	: 5.00
Reeds, boxes.....D	.31	: .30	Black, bbls.....D	.08	: .10	Lemon Peel, bags.....D	.08	: .09
ECHINACEA ROOT, bags.....D	.31	: .30	Powdered.....D	.15	: .17	Licorice Root, Russian, whole...D	.07	: .07%
Elecampane Root, bags.....D	.09	: .10	White, Powd., 250 lb bbls...D	.11	: .12	Spanish, natural bales.....D	.08%	: .09
Elder Flowers, bags.....D	.11	: .14	Helonias Root, (unicorn false) bags.....D	.67	: .68	Powdered, bbls.....D	.09	: .09%
Klem Gum, 89 lb cases.....D	.10	: .11	Hemp Seed, Manchurian bags...D	.03%	: .04	Selected, 2 & 5 lb bundles...D	.14	: .17
Elm Bark, select 5 lb bundles casesD	.27	: .29	Chilian, bags.....D	.03%	: .04	Cuttings, 125 lb bags.....D	.06	: .06%
Grinding, bags.....D	.15	: .16	Henbane Leaves, bales, USP...D	.29	: .30	Greek, 150 lb bales.....D	.03	: .03%
Powdered, bbls.....D	.23	: .25	No assay.....D	.26	: .27	Life Everlasting Herbs, bales...D	.05	: .06
ERGOT, 150-200 lb bags.....D	.60	: .65	Benna Leaves, bales.....D	.09%	: .10	Lime Juice, clarified bbls.....gal	.60	: .65
Eucalyptus Leaves, bales.....D	.05	: .06	Powdered.....D	.12	: .13	Linden Flowers, with leaves, balesD	.10	: .11
Euphorbia Pilulifera Herb, bags..D	.10	: .11	Honey, Calif., 120 lb cases...D	.12%	: .13	Without Leaves, bales.....D	.17	: .18
Euphorbia Gum, cases.....D	.25	: .27	Hops, N. Y. prime bales.....D	.28	: .30	Liverwort Leaves, bales.....D	.19	: .20
Powdered, boxes.....D	.40	: .42	Pacific Coast prime bales...D	.25	: .27	Lobelia Herb bales.....D	.40	: .42
Fennel Seed, French, bags.....D	.10%	: .11	Horhound Herb, bales.....D	.09	: .10	Lobelia Seed, bags.....D	.62	: .63
German, bags.....D	.17	: .18	Horsetail Rash, bags.....D	.15	: .15	Lovage Root, Imported, bags...D	.18	: .20
Indian, bags.....D	.09	: .09%	India Gum, see Karaya			Lupulin, boxes.....D	1.25	: 1.30
Flax Seed, whole 180 lb bbls...ea	13.00	: 13.50	INSECT FLOWERS, open whole			Domestic.....D	1.25	: 1.30
Ground, 180 lb bbls.....D	.07%	: .08	Bales.....D	.38	: .40	Lycopodium, 88 lb ea.....D	.55	: .60
Fenugreek Seed, 200 lb bags...D	.05	: .05%	Closed whole, bales.....D	.40	: .42	MACE, Shaw, No. 1.....D	.87	: .90
Fish Berries, 100-125 lb bags...D	.10	: .12	Powdered, pure 200 lb bbls...D	.44	: .46	Banda, No. 1 cases.....D	.92	: .94
Fringe Tree Bark, bags.....D	.20	: .21	Flowers and Stems, 50 p.c. 200 lb bbls.....D	.30	: .32	Batavia, No. 2 cases.....D	.75	: .77
Fumigating Pastilles Black, 1 lb bbls.....D	.17	: .18	Ijseac Root, Cartagena, bags...D	2.15	: 2.20	West India, cases.....D	.75	: .77
Bed, 1 lb, bbs.....D	.17	: .18	Powdered, 200 lb bbls, bxs...D	2.35	: 2.45	Malva Flowers, blue bales...D	.35	: .37
GALANGAL ROOT, bags.....D	.08	: .09	Rio Whole, bags.....D	2.25	: 2.30	Black, bales.....D	.35	: .40
Galbanum Gum, cases.....D	.80	: .85	Powdered, 200 lb bbls, bxs...D	2.40	: 2.50	Manna, large flake cases.....D	.78	: .79
Gambier Gum, bags.....D	.20	: .21	Isinglass, American, 130 lb cs...D	.75	: .80	Small flake, cases.....D	.40	: .42
Gamboge Gum, 160 lb cases.....D	.76	: .78	Kassian (Beluga) bxs, ctms...D	4.00	: 4.50	Sorts, cases.....D	.30	: .30
Powdered, cases.....D	.83	: .85	JABORANDI LEAVES, bales...D	.10	: .10%	Mandrake Root, bags.....D	.11	: .12
Gelamium Root, bags.....D	.11	: .11%	Jalap Root, whole, 150 lb bags...D	.29	: .35	Mastic Gum, 120 lb cases.....D	.55	: .57
Gentian Root, bags.....D	.08%	: .09	Powdered, USP, 250 lb bbls...D	.34	: .36	Mexerone Bark, bags.....D	.11	: .12
Powdered, bags.....D	.13	: .14	Japan Wax, White, bags.....D	.15%	: .16	Matico Leaves, bales.....D	.12	: .13
Ginger, African, bags.....D	.20	: .20%	Job's Tears, White, bags.....D	.05%	: .08	Marjoram Leaves, German bales.D	.29	: .31
Jamaica, grinding, bags, bbls..D	.26	: .32	Juniper Berries, 125 lb bags...D	.05%	: .08	French, bales.....D	.40	: .45
Japan, bags.....D	.16%	: .17	KAMALA, boxes.....D	1.05	: 1.10	Millet Seed, dom. yellow bags...D	.03%	: .04
Cochin, ABC & Lemon, bags...D	.21%	: .22	Karaya Gum, powdered, bbls...D	.10	: .18	Montan Wax, crude bags.....D	.05%	: .06
Ginseng Root, cultivated, bags...D	8.00	: 10.00	Kara Kara Root bags.....D	.12	: .12%	Bleached.....D	.07%	: .08
Northern Wild, bags.....D	12.00	: 14.00	Kino Gum, black cases.....D	.50	: .55	Moss, Iceland bales.....D	.09	: .09%
Southern Wild, bags.....D	9.00	: 11.00	Kola Nuts, 150 lb bags.....D	.04%	: .05	Irish, bleached, bales.....D	.09	: .09%
Golden Seal Root, bags.....D	3.50	: 3.70	Koumou Flowers, bags.....D	1.50	: 1.75	Selected, bales.....D	.12	: .13
Powdered, boxes.....D	4.00	: 4.10				Mullein Flowers, tins.....D	.90	: 1.00

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Tonquin.....	22.00 : 25.00	Penngroyal Herb, bales.....	.08 : .12	Rose Petals, pale.....	.27 : .30
Grain Cab.....	25.00 : 28.00	Pepper, black Sing. bags.....	.13 1/2 : .14 1/2	Red.....	.95 : 1.00
Tonquin.....	25.00 : 38.00	White, bags.....	.18 1/2 : .19	Rue Herb, bales.....	.18 : .22
Synthetic, see Chemicals		Pepperc, red Membass, bags.....	.10 1/2 : .11	<b>SABADILLA SEED, bags.....</b>	.13 : .14
Musk Root, Russian, bags.....	2.00 : 2.10	Cherries, bags.....	.14 : .16	Powder, bbls.....	.18 : .19
Mustard Seed, Bari brown bags.....	.11 : .11 1/2	Bombay, bags.....	.12 : .14	Saffron Flowers, Amer. bales.....	.60 : .64
Bombay, brown.....	.09 : .10	Japan, bags.....	.22 : .24	Valencia, 1 lb cans.....	43.00 : 44.00
California, brown.....	.11 : .11 1/2	Peppermint Leaves, imp. bales....	.22 : .24	Sage, Dalmatian bales.....	.05 : .05 1/2
Yellow.....	.11 : .11 1/2	Cuts, bales.....	.12 : .14	Greek, bales.....	.04 1/2 : .05
Chinese yellow.....	.05 : .05 1/2	Domestic leaf.....	.18 : .19	Spanish, bales.....	.03 : .03 1/2
English, yellow.....	.09 1/2 : .10	Peru Balsam, see Balsams		Sandalwood, chips bags.....	.17 : .18
Dutch, yellow.....	.08 : .08 1/2	Pichl Leaves, bags.....	.23 : .25	Ground, bags.....	.21 : .22
Danish, yellow.....	.08 1/2 : .09	Pimento, select bags.....	.08 : .08 1/2	Sandarac Gum, 300 lb bbls.....	.44 : .46
Myrrh Gum, select 200 lb cs.....	.24 : .26	Pink Root, true bags.....	.80 : .85	Sarsaparilla Root, Honduras, bales..	.65 : .70
Sorts, cases.....	.20 : .22	Pitch, Burgundy, see Burgundy Pitch		Mexican, bales.....	.22 : .23
<b>NUTGALLS, Chinese, bags.....</b>	.17 : .18	Pleurisy Root, bags.....	.22 : .22	Sassafras Bark, ordinary bales....	.15 : .17
Aleppy, bags.....	.14 : .15	Plantain Leaves, bales.....	.15 : .15	Select, bales.....	.30 : .32
Nutmegs, 110s cases.....	.55 : .57	Poke Berries, bags.....	.10 : .10 1/2	Savory Leaves, bales.....	.08 : .08 1/2
75s, 80s, cases.....	.59 : .61	Poke Root, bags.....	.10 : .10 1/2	Raw Palmetto Berries, bags.....	.08 1/2 : .09
Nux Vomica Buttons, bags.....	.05 : .05 1/2	Pomegranate Bark, of root bags.....	.30 : .30	Scammony Resin, boxes.....	1.20 : 1.30
Powdered, 200 lb bbls.....	.08 : .09	Of Fruit, bags.....	.30 : .30	Scammony Root, bags.....	.06 1/2 : .07
<b>BAK BARK, red bags.....</b>	.05 : .06	Poppy Flowers, red bags.....	.25 : .28	Seraga Root, bags.....	.58 : .59
White, bags.....	.08 : .07	Poppy seeds, Dutch, bags.....	.10 1/2 : .11	<b>SENNA, Alex 150 lb cases.....</b>	.21 : .23
Olibanum Gum, sift 280 lb cases.....	.11 : .11 1/2	German, bags.....	.10 1/2 : .11	Half Leaf, 350 lb bales.....	.13 : .15
Tears, 280 lb cases.....	.11 : .11 1/2	Turkish, bags.....	.09 1/2 : .10	Siftings, 400 lb bales.....	.10 : .11
No. 1, all white 280 lb cases.....	.22 : .23	Blue Indian, bags.....	.08 : .08 1/2	Powdered, 200 lb bbls.....	.14 : .14 1/2
Opium, gum, USP, cases.....	12.00 : 13.00	White Indian, bags.....	.26 : .28	Grinding, 350 bales.....	.05 : .07
Granular, cans.....	13.00 : 14.00	Prickly Ash Bark, Southern, bags..	.14 : .16	Powdered, 200 lb bbls.....	.14 : .14 1/2
Powdered, USP, cans.....	13.00 : 14.00	Northern, bags.....	.14 : .16	Pods, 350 lb bales.....	.13 : .14
Orange Flowers, cases.....	.50 : 1.00	Prickly Ash Berries, bags.....	.25 : .30	Serpentaria Root, bags.....	.82 : .84
Orange Peel, bitter, bags.....	.07 1/2 : .07 3/4	Prince's Pine, bales.....	.16 : .18	Shallac, D.C., bags.....	.77 : .79
Sweet, bags.....	.10 : .10 1/2	Pulsatilla Herb, bags.....	.14 : .16	V.S.O. bags.....	.77 : .79
<b>ORRIS ROOT, Florentine bold bags..</b>	.09 : .10	Pumpkin Seed, bags.....	.07 : .07 1/2	Diamond I, bags.....	.77 : .79
Powdered, 200 lb bbls.....	.12 : .13	<b>QUASSIA CHIPS, bags.....</b>	.07 : .06	Superfine, Orange, bags.....	.67 : .69
Verona, bags.....	.08 : .09	Queen of the Meadow Herb, bags..	.78 : .90	Fine, bags.....	.66 : .68
Powdered, 200 lb bbls.....	.10 : .11	Quince Seed, bags.....	.06 : .06 1/2	<b>T.N., bags.....</b>	.63 : .65
Fingers, cans.....	.50 : .55	<b>RAPE SEED, South Amer. bags....</b>	.07 : .07 1/2	Garret, A. C.....	.61 : .63
Ozokerite Wax, brown hard bags.....	.22 : .24	Dutch, bags.....	.06 : .06 1/2	Button bags.....	.79 : .81
Green, hard bags.....	.27 : .28	Japanese, small, bags.....	.56 : .60	Bleached, ground, bbls.....	.61 : .63
Refined, yellow bags.....	.15 : .24	Raspberries, dried boxes.....	.17 : .19	Bone Dry, bbls.....	.73 : .74
<b>PAPRIKA, Hungarian.....</b>	.26 : .28	Red Saunders.....	.09 : .10	Simaruba Bark, bales.....	.07 : .08
Parsley Seed, bags.....	.09 : .10	Rhatany Root, bags.....	.35 : .37	Sideritis Herb, cut bags.....	.15 : .18
		<b>RHUBARB, Root, H.D., cases.....</b>	.43 : .45	Skullcap Leaves, Eastern, bales....	.65 : .70
		Powdered, 200 lb bags.....	.04 1/2 : .05	Western, bales.....	.34 : .38
		Rosemary Leaves, bales.....		Sloe Berries, bags.....	.03 : .04

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## Crude Drugs

Snake Root, Canada natural, bags. lb	.35	.37	Tragacanth Gum, No. 1, ribbon	1.15	1.20	Essential Oils	
Stripped, bags. lb	.50	.65	160 lb cs. lb	.90	1.16		
SOAP BARK, whole, 150-200 lb			No. 2 to No. 6, cases. lb	.80	.82	Almond Bitter USP, 5 lb bot. lb	3.15 : 3.35
bales. lb	.10	.11	Powdered, 50 lb boxes. lb	.70	.85	Bitter ff PA 5 lb bots. lb	3.25 : 3.50
Cut, 125-175 lb bags. lb	.10 1/2	.11	Turkish, cases. lb	.18	.13 1/2	Sweet, 5 lb cans. lb	.85 : .90
Crushed, 200 lb bbls. lb	.11	.12	Aleppy, bags. lb	.11	.11 1/2	Peach Kernel, 55 lb tins. lb	.28 : .30
Powdered, 200 lb bbls. lb	.14	.15	Powdered. lb	.12	.13	Apricot, see Peach Kernel	
Spearment Leaves, American bales. lb	.15	.22	China, bags. lb	.09	.09 1/2	Amber, crude 25 lb tins. lb	.70 : .75
Spermaceti, blocks, cakes, cases. lb	.38	.43	Turpentine, Venice, true 80 lb cs. lb	.15	.16	Rectified, 25 lb tins. lb	.85 : .90
Spikenard Root, bags. lb	.25	.26	Artificial, 80 lb cases. lb	.11	.13	Angelica Root, 1 lb bot. lb	28.00 : 30.00
Spruce Gum, boxes. lb	1.00	1.50	Spirits, see Naval Stores			ANISE, Tech., 66 lb case. lb	.55 : .57
Squaw Vine, bales. lb	.18	.20	UNICORN ROOT, false, see Heloni			USP, 50 lb tins. lb	.60 : .62
Squills, white. lb	.05	.06	True, see Aletris			Bay, 25 lb tins. lb	2.20 : 2.35
Powdered, bulk. lb	.12	.14	Uva Ursi Leaves, bales. lb	.04 1/2	.05	Bergamot, 25 lb coppers. lb	3.40 : 3.80
Stavesacre Seed, bags. lb	.46	.48	VALERIAN ROOT, Belgian bags. lb	.20	.30	Artificial, 25 lb cans. lb	2.20 : 2.35
Sticklac, Siam, 250 lb bales. lb	.11 1/2	.12	Vanilla Beans Mex. whole cases. lb	11.00	12.00	Birch Tar, rect. 5 lb bot. lb	.75 : .80
Stillingia Root, bags. lb	.09	.10	Cuts, cases. lb	9.00	9.50	Crude, 50 lb tins. lb	.30 : .50
Stone Root, bags. lb	.85	.70	Bourbon, cases. lb	9.00	9.50	Bois de Rose, 25 lb tins. lb	4.75 : 5.00
Styrax, liquid artif. lb	.85	.95	South American, cases. lb	7.00	7.50	Cade, 25 lb cans. lb	.35 : .40
Gen. USP. lb	.12	.13	Tahiti, yellow label cases. lb	.25	.26	Cajuput, native, 50 lb tins. lb	.75 : .80
St. Ignatius Beans, bags. lb	.03	.05	Green Label, cases. lb	.70	.80	Calamus, 5 lb bot. lb	4.20 : 4.65
St. John's Bread, bags. lb	.07 1/2	.08	Vetiver Root, 100 lb bags. lb	.86	.90	Camphor, heavy, 1000 lb drums. lb	.14 1/2 : .15
Stramonium Leaves, bales. lb	.12	.13	Violet Flowers, bags. lb	.35	.37	Japanese, white, 72 lb cases. lb	.14 : .14 1/2
Stramonium Seed, bags. lb	1.00	1.25	WAHOO BARK, of root bags. lb	.07 1/2	.08	White, 1000 lb drums. lb	2.00 : 2.25
Strophanthus Seed, Hispidus. lb	1.00	1.25	Of Tree, bags. lb	.06	.07	Cananga, native 25 lb tins. lb	2.50 : 3.00
Kombe, bags. lb	.06	.06 1/2	White Pine Bark, rosed, bags. lb	.08	.07	Rectified, 25 lb tins. lb	2.75 : 2.85
Sunflower Seed, domestic bags. lb	.05	.05 1/2	White Poplar Bark, bags. lb	.12	.13	Caraway, USP. lb	33.00 : 34.00
South American, bags. lb	.05	.06	Wild Cherry Bark, thin green	.08	.09	Cardamom, USP, 1 lb bot. lb	9.50 : 10.50
TAGALDER BARK, bags. lb	.05	.06	Rosed, bales. lb	.09	.09 1/2	Carvol, 5 lb bot. lb	50.00 : 52.00
Tamarinds, bbls. lb	.05	.05 1/2	Thick Rosed, bales. lb	.05	.06	Cascarilla, USP, 1 lb bot. lb	...
Kegs. lb	.18	.19	Thin Natural, bales. lb	.05	.06	CASSIA, 80-85 p.c. 400 lb drms. lb	...
Tar, Barbadoes, 50 gal. bbls. gal	1.40	1.50	Thick Natural, bales. lb	.07	.08	Redistilled, USP, 50 lb cans. lb	2.70 : 2.90
Thus Gum, 280 lb bbls. lb	.07 1/2	.08	Willow, bark bags. lb	.07	.08	Cedar Leaf, 50 lb tins. lb	.85 : .95
Thyme, Spanish bales. lb	.08	.08 1/2	White, bags. lb	.07	.08	Cedar Wood, light 100 lb drums. lb	.80 : .85
French, bales. lb	.11	.11 1/2	Witch Hazel Bark, bags. lb	.07 1/2	.08	Celery, 1 lb bot. lb	10.00 : 11.00
Tilia, see Linden			Witch Hazel Leaves, bales. lb	.08 1/2	.09	Chaulmoogra, 80 lb cases. lb	.85 : .90
Tolu Balsam, see Balsams			Worm Seed, American bags. lb	.275	4.00	Cinnamon, Ceylon, 1 lb bot. lb	11.00 : 12.50
Tonga Bark, bags. lb	.27	.29	Lerant, bags. lb	.10	.10	Leaf, 5 lb bot. lb	1.40 : 1.50
Tonka Beans, Angostura, cases. lb	2.15	2.25	Wormwood Herb, imported bales. lb	.04	.04 1/2	CITRONELLA, Ceylon	
Para, cases. lb	.90	1.00	Ground. lb	.05 1/2	.06 1/2	1000 lb drums. lb	.74 : .81
Surinam, cases. lb			YELLOW DOCK ROOT, bags. lb	.12	.14	50 lb tins. lb	.77 : .84
			Yellow Parilla Root, bags. lb	.16	.17	Java, 400 lb drums. lb	...
			Yerba Santa, bags. lb	.09	.09 1/2	50 lb tins. lb	...
			Zedoary Root, bags. lb	.11	.12	Cloves, USP, 50 lb cans. lb	2.00 : 2.10
						6 lb bot. lb	2.10 : 2.20

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Copaiba, USP, 25 lb tins	42	45
Coriander, USP, 1 lb bot.	10.75	11.00
Croton, USP, 25 lb tins	.95	1.00
Cubeba, USP, 5 lb bot.	4.50	4.75
Cumin, 1 lb bot.	11.00	11.50
Dill, 1 lb bot.	4.25	4.50
Erigeron, 20 lb tins	3.75	4.00
<b>EUCALYPTUS, Austr. USP,</b>		
56 lb cans	.59	.61
500 lb drums	.57	.59
Fennel, USP, 25 lb tins	.90	1.10
Geranium, Algerian, 25 lb tins	7.25	7.75
Bourbon, 25 lb tins	7.00	7.50
Turkish, 25 lb tins	4.25	4.50
Ginger, 1 lb bot.	12.00	13.00
Hemlock, 50 lb cans	.82	.85
Gingergrass, 25 lb tins	3.00	3.25
Juniper Berries, USP, 25 lb tins	1.85	2.00
Wool, 50 lb tins	.50	.60
Lavender, USP, 25 lb tins	5.25	7.50
Spilke, Spanish, 50 lb cans	1.10	1.75
LEMONGRASS, Ital. USP, 25 lb tins	.97 1/2	1.15
American, USP, 25 lb tins	.85	.90
Lemongrass, native, 50 lb cans	1.30	1.40
Limes, Express, 25 lb tins	2.25	2.35
Distilled, 25 lb tins	1.20	1.35
Linaloe, Mex. 25 lb cans	3.50	3.75
Mace, distilled, 50 lb tins	1.55	1.60
<b>Mirbane, ref., see Ar. Chemicals</b>		
Mustard, USP, 1 lb bot.	14.00	
Artif., USP, 1 lb bot.	3.00	3.25
Neroli, Bigarade, 1/2 & 1 lb bot.	40.00	60.00
Petale, 1 lb bot.	90.00	120.00
Artificial, 1 lb bot.	10.00	25.00
Nutmeg, USP, 25 lb tins	1.55	1.60
Orange, bitter, 25 lb tins	2.60	2.75
Sweet, W. Ind., 25 lb tins	2.70	2.80
Italian, 25 lb cop.	2.85	3.10
American, 25 lb tins	2.75	2.80
Distilled, 25 lb tins	1.40	1.50
Spanish, 25 lb tins	2.80	2.90
Origanum, 50 lb cans tech.	.30	.35
Parsley, 1 lb bot.	3.50	4.00
Patchouli, 5 lb bot.	4.50	5.50
Pennyroyal, dom., 25 lb tins	2.00	2.15
Imported, 25 lb tins	1.65	1.70
PEPPERMINT, nat., 60 lb cans	10.25	10.75
Rodis, USP, 60 lb cans	10.75	11.25
Petit Grain, S. A., 25 lb tins	2.10	2.20
French, 1 lb bot.	7.00	8.00
Italian, 25 lb tins	2.25	2.35

Pimento, 25 lb tins	2.50	2.60
Pinus Sylvestris, 25 lb tins	1.40	
Pumilio, USP, 25 lb tins	2.25	
Rose, Fr., 8, 16 & 32 oz. pgs.	9.00	
Bulg., 8, 16 & 32 oz. pgs.	8.00	9.00
Artificial, 1 lb bot.	3.00	3.00
Rosemary, USP, 27 1/2 lb tins	.42	.46
1000 lb drums	.35	.40
Tech., 27 1/2 lb tins	.35	.40
Rue, 1 lb bot.	4.25	
Sandalwood, E. Ind. USP, 76 lb cases	6.85	7.10
W. Indian (Amirya) 25 lb tins	2.60	2.70
Sassafras, USP, 50 lb cans	1.20	1.30
Artificial, 1000 lb drs., 60 lb cans	.34	.36
Savin, 5 lb tins	2.25	2.40
Spearmint, USP, 60 lb cases	4.25	4.50
Spruce, 50 lb tins	.82	.85
Tany Amer., 20 lb tins	3.20	
Tar, 50 gal. bbls.	.25	.26
Refined, USP 25 lb tins	32.00	
Thyme, red, USP, 25 lb tins	.85	1.00
White, USP, 25 lb tins	1.00	1.10
Tech., 110 lb drums	.30	.35
Vetiver, Bourbon 1 lb bot.	12.00	14.00
Indian, 1 lb bot.	30.00	32.00
Java, 1 lb bot.	30.00	32.00
Wine, heavy 1 lb bot.	...	1.50

<b>WINTERGREEN</b>		
Sweet beh., 25 lb tins	2.50	3.00
Southern, 25 lb tins	1.85	2.00
Gaultheria, true 25 lb tins	7.00	8.00
Southern, 25 lb tins	3.75	4.00
Synthetic, USP, 50 lb cans	...	.47
Wormseed, Balt., USP, 25 lb tins	3.15	3.25
Wormwood, dom., 25 lb tins	4.00	4.50
<b>Ylang Ylang, Bourbon 10 lb tins</b>		
No. 1	6.00	8.00
No. 2	5.00	6.00
Manila, 1 lb bot.	28.00	40.00
Artificial, 1 lb bot.	10.00	12.00

## OLEORESINS

Aspidium, USP, 1 lb bot.	2.75	3.00
Cayadum, USP, 5 lb bot.	2.50	2.75
Cubeb, USP, 1 lb bot.	4.00	4.50
Ginger, 5 lb bot.	4.25	4.75
<b>Malefero, See Aspidium</b>		
Orris, 1 lb bot.	15.00	18.00
Pepper, black, USP, 1 lb bot.	3.50	4.00
Vanilla, 1 lb bot.	22.50	25.00

## Aromatic Chemicals

### NATURAL DERIVATIVES

Anethol, 2 lb bot.	1.35	1.75
Borneol, 1 lb bot.	...	3.50
CITRAL, 25 lb cans	3.00	3.50
Citronellal, 1 lb bot.	2.50	3.00
<b>EUCALYPTOL, USP, 25 lb cans</b>		
Eugenol, USP, 25 lb cans	3.25	3.50
Geraniol, Domestic, 50 lb cans	3.50	4.00
Imported, 5 lb bot.	3.75	4.50
Iso-Eugenol, 1 lb bot.	4.00	4.50
Imported	5.25	6.25
Linalool, 5 lb bot.	6.00	6.25
From Bois de Rose, 5 lb bot.	7.00	7.50
MENTHOL, 60 lb cases	...	12.75
Less cases, 5 lb cans	...	13.25
Rhodinel, 1 lb bot.	18.00	21.00
Extra, 1 lb bot.	40.00	47.00
SAFROL, 60 lb cans	.45	.47
Thymol, USP, 25 lb tins	5.25	5.50

### SYNTHETIC AROMATICS

Acetaldehyde, 50% solupure, 5 lb bot.	1.75	2.00
Acetophenone, CP, 1 lb bot.	4.25	4.50
Aldehyde, C-8 (Octyl), 1 lb bot.	45.00	60.00
Aldehyde, C-9 (Nonyl), 1 lb bot.	70.00	75.00
Aldehyde, C-10 (Decyl), 1 lb bot.	50.00	58.00
Aldehyde, C-12 (Dodecyl), 1 lb bot.	27.50	32.50
Aldehyde, C-14, 1 lb bot.	22.50	25.00
Aldehyde, C-16, 1 lb bot.	70.00	80.00
<b>Aubepine, see Anisic Aldehyde</b>		
Amyl Acetate, pure 5 gal. cans gal	4.00	4.25
Amyl Butyrate, 1 lb bot.	1.75	2.00
Amyl Cinnamate, 1 lb bot.	4.00	4.50
Amyl Formate, 1 lb bot.	1.50	1.75
Amyl Phenyl Acetate, 1 lb bot.	4.50	5.00
<b>AMYL SALICYLATE, dom. 100 lb chys.</b>		
Imported	1.45	1.50
Amyl Valerate, 5 lb bot.	2.25	2.50
Anisic Aldehyde, 1 lb bot.	4.75	5.00
Anisic Aldehyde, 1 lb bot.	3.75	4.25
<b>ENZALDEHYDE, USP, 40 lb chys</b>		
FFC, 40 lb chys.	1.40	1.50
Renzoic Ether, See Ethyl Benzoin	1.50	1.65
Benzophenone, 1 lb bot.	6.75	7.00
Benzyl Acetate, 100 lb chys.	1.55	1.75

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Benzyl Alcohol, 5 lb bot.....	1.45	1.55	Iso-Butyl Benzoate, 5 lb bot.....	4.75	5.00	Skatol, 1 oz. bot.....	7.00	7.25
BENZYL BENZOATE, 5 lb bot.....	1.60	1.75	Iso-Safrol, 1 lb bot. imported.....	5.00	5.25	Terpinol Acetate, 25 lb cans.....	1.65	1.85
Medicinal PFC.....	1.75	2.00	Domestic, 5 lb bot.....	4.00	4.25	Imported, 25 lb cans.....	1.90	2.20
Benzyl Butyrate, C.P., 1 lb bot.....	5.50	6.00	Linalyl Acetate, 1 lb bot. Dom.....	8.00	8.50	TERPINEOL, CP, 1000 lb drums.....	.42	.44
Benzyl Cinnamate, 1 lb bot.....	10.00	10.50	Imp., 1 lb bot.....	8.00	8.50	Cans. 50 lb.....	.47	.49
Benzyl Formate, 1 lb bot.....	3.00	3.25	Linalyl Benzoate, 1 lb bot.....	13.00	14.00	Absolute, 25 lb cans.....	.80	.90
Benzyl Propionate, 1 lb bot.....	5.00	5.25	Linalyl Formate, 5 lb bot.....	10.50	12.00	Imported, 25 lb cans.....	.50	.55
Bornyl Acetate, 1 lb bot.....	3.75	4.00	Methyl Acetophenone.....	4.00	4.25	VANILLIN, USP, 500 oz. cans.....	..	.49%
Brometyl, 25 lb cans.....	3.50	4.00	METHYL ANTHRANILATE dom.,			Cans. 16 oz., 80 oz.....	.50	.51
Butyl Anthranilate, 1 lb bot. dom. D	..	16.00	1 lb bot.....	2.50	3.00	Second Hands.....	.47	.50
Butyric Ether, See Ethyl Butyrate			Imported.....	3.00	3.25	Valerianic Ether, See Ethyl Valerate		
Cinnamic Acid, 5 lb cans.....	3.00	3.25	Methyl Benzoate, 5 lb bot. import.....	2.00	2.25	Yara Yara, 1 lb cans.....	1.65	1.80
Cinnamic Alcohol, liquid 1 lb bot. D	9.00	9.50	Domestic, 5 lb bot.....	1.75	2.00			
Crystallizable.....	9.50	10.00	Methyl Cinnamate, 1 lb bot.....	3.50	3.75			
Cinnamic Aldehyde.....	3.50	3.75	Methyl Heptenone, 1 lb bot.....	8.00	8.25			
CITRONELLOL, 1 lb bot.....	9.00	11.00	Methyl Para-cresol, 1 lb bot.....	8.00	9.00			
Imported, 1 lb bot.....	10.00	12.00	Methyl Phenylacetate, 5 lb bot. dom. D	3.75	4.00			
Citronellyl Acetate, 1 lb bot.....	13.00	14.00						
COUMARIN, 25 lb cans.....	3.25	3.45	METHYL SALICYLATE, USP 500 lb					
DIETHYL PHTHALATE, 25 lb cans.....	.40	.45	drums.....	..	.45			
1000 lb drs.....	.35	.40	50 lb cans.....	..	.47			
Diphenylacetic, 25 lb cans.....	.85	.90	Second Hands.....	.44	.45			
Ethyl Acetate, pure, 5 lb bot.....	.45	.50	Mirbane, rect., 1000 lb drums.....	.12	.14			
Ethyl Benzoate, 5 lb bot.....	1.85	2.00	Musk Ambrette, 1 lb cans.....	11.75	12.25			
Ethyl Butyrate, 5 lb bot.....	1.75	2.00	Musk Ketone, 1 lb cans.....	14.50	15.00			
Ethyl Caproate, 1 lb bot.....	3.25	3.50	Musk Xylene, 5 lb cans.....	3.65	3.80			
Ethyl Cinnamate, 1 lb bot.....	3.50	3.75	Nerolin, 1 lb cans.....	1.65	1.80			
Ethyl Formate, 5 lb bot.....	2.00	2.10	Ononathic Ether, 1 lb bot.....	1.50	2.00			
Ethyl-methyl Para-cresol, 1 lb bot.....	3.25	3.50	Para-Cymene, Refd., 110 gal. drs. gal	2.25	2.50			
Ethyl Phenylacetate, 5 lb bot.....	3.75	4.00	Phenylacetaldehyde, Dom.,					
Ethyl Propionate, 1 lb bot.....	2.25	2.50	1 lb. bot. 50 p.c.....	8.00	8.50			
Ethyl Valerate, 5 lb bot.....	4.50	4.75	Imported, 50 p.c.....	7.00	7.50			
Ethyl Salicylate, 5 lb bot.....	3.25	3.50	80-85 p.c.....	14.00	16.00			
Formic Ether, See Ethyl Formate			Phenylacetic Acid, 1 lb bot.....	3.00	3.25			
Geranyl Acetate, 1 lb bot.....	5.00	5.50	Phenyl Diacetate, 1 oz. bot.....	3.25	3.50			
Geranyl Butyrate, 1 lb bot.....	13.00	13.50	PHENYLETHYLALCOHOL dom.					
Geranyl Formate, 1 lb bot.....	12.00	12.50	1 lb bot.....	8.00	10.00			
Hellotropin, dom., 100-10 lb. D.	1.85	2.00	Imported.....	7.00	7.75			
Imported.....	2.25	2.50	Phenylethyl Butyrate, 1 lb bot.....	26.00	28.00			
Hydroxycitronellal, 1 lb bot.....	12.00	14.00	Phenylethyl Formate, 1 lb bot.....	19.00	21.00			
Indol, CP, 1 oz. bot.....	6.00	6.50	Phenylethyl Propionate, 1 lb bot.....	20.00	24.00			
Isosone, 1 lb bot. 100%.....	10.00	11.00	Phenylethyl Valerate, 1 lb bot.....	25.00	29.00			
Alpha.....	14.50	16.00	Phenylpropylalcohol, 1 lb bot.....	15.00	16.00			
Beta.....	12.75	14.50						
Methyl.....	16.00	18.00						

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**ALBUMEN**—100 bgs., Farmers Loan & Trust Co., Trieste; 20 bbls., Pfaltz & Bauer, Trieste

**ALCOHOL**—Butyl, 103 cks., H. A. Metz & Co., Rotterdam; Denatured, 200 bbls., C. Estevas, Arecibo; 200 bbls., C. Estevas, Arecibo

**ALOES**—300 cs., Selma Merc. Corp., Curacao

**ALUMINUM**—Sulfate, 115 cks., Seaboard Nat Bk., Marseilles

**AMMONIUM**—Bicarbonate, 73 cks., Kuttrof Pickhardt & Co., Rotterdam; Muriate, 100 cks., Kuttrof Pickhardt & Co., Rotterdam

**BARKS**—1,986 bgs., I. R. Boody & Co., Durban; 10 bgs., Lehn & Fink, Hamburg; Cinchona, 27 bgs., 9 cs., R. Hillier's Son Co., Rotterdam; 3 cs., A. Stallman & Co., Rotterdam; 20 bgs., Guaranty Trust Co., Rotterdam; Quebracho, 10 bgs., H. K. Mulford & Co., Buenos Aires; Wattle, 441 bgs., Standard Bk. of So. Africa, Durban; 3,921 bgs., Tannin Corp., Durban

**BARYTES**—1 lot, Ore & Chem. Corp., Rotterdam; 121 cks., A. Hurst & Co., Hamburg; 20 cks., A. Hurst & Co., Hamburg; 120 bgs., 24 bbls., Order, Genoa

**BERRIES**—Juniper, 50 bgs., Order, Leghorn; Hawthorn, 9 bgs., Order, London

**BROMIDES**—30 cs., Kachurin Drug Co., Rotterdam

**BRUCINE**—2 cs., Kachurin Drug Co., London

**CALCIUM**—Chloride, 154 drs., Coal & Iron Nat. Bk., Rotterdam; 214 cks., Amer. Exch. Nat. Bk., Rotterdam

**CARBON**—Decolorizing, 44 bgs., C. Pfizer & Co., London

**CINCHONIDINE**—40 cs., R. W. Greeff & Co., Rotterdam

**COAL TAR**—Distillate, 58 drs., Order, London; 126 drs., Order, Liverpool; Intermediates, 13 cks., Ciba Co., Rotterdam

**COLORS**—2 cks., Simeon & Elting, Rotterdam; 76 cks., Kuttrof Pickhardt & Co., Rotterdam; 16 cks., L. Scott Libby Corp., Havre; 5 cks., Bernard Bernard Inc., Genoa; 52 cks., Amer. Exch. Nat. Bk., Havre; 21 pgs., Ciba Co., Havre; 2 cks., Irving Bk., Havre; 201 cks., 51 cs., Grasselli Dyestuff Corp., Rotterdam; 2 cks., Kuttrof Pickhardt & Co., Rotterdam; 1 cse., Nat. Aniline & Chem. Co., Santos; 2 cks., Siemon & Elting, London; 6 cs., B. F. Drakenfeld & Co., Southampton; 7 cs., 2 cks., A. Hurst & Co., Hamburg; 5 cks., Geigy Co., Antwerp; Bronze, 40 cs., Baer Bros., Bremen; 1 cse., F. Henjes Jr., Bremen; 19 cs., Gerstendorfer Bros., Bremen; 6 cs., B. F. Drakenfeld & Co., Bremerhaven; 2 cs., Order, Bremerhaven; Coal Tar, 36 cks., H. A. Metz & Co., Rotterdam; Earth, 38 cks., Fezandie & Sperrle, Bremerhaven

**CREOSOTE**—1 cse., E. Fougere & Co., London; 40 drs., Amer. Hawaiian S.S. Co., Barrow

**ETHER**—2 cs., E. Fougere & Co., London

**MENTHOL**—5 cs., McKesson & Robbins, London

**MYROBALANS**—800 pkts., Nat. City Bk., Calcutta; 2,718 bgs., Order, Calcutta; 948 bgs., Standard Bk. S. A., Calcutta

**OILS**—Codliver, 50 bbls., McKesson & Robbins, Christiania; 25 bbls., S. B. Penick & Co., Christiania; 100 bbls., Burroughs Wellcome & Co., Christiania; 110 bbls., A. F. Rolosson, Christiania; 200 bbls., E. R. Squibb & Sons, Christiania; 79 cks., Standard Bank of So. Africa, Hamburg; 79 cks., Order, London; Kernel, 55 cks., C. Hallinsted & Co., Liverpool; Vegetable, 8 drs., Simon Straus & Co., Alicante; Wood, 150 tons, Spencer Kellogg & Sons, Shanghai; 145 tons, S. W. S. Patterson & Co., Shanghai; 220 tons, Order, Shanghai

**OILS, ESSENTIAL**—10 bbls., Hensel Burckmann & Lorbacher, Rotterdam; 5 cs., Polaks Frutal Wks., Rotterdam; 11 drs., G. Lueders & Co., Barcelona; 2 drs., G. Lueders & Co., Alicante; 18 cs., Roure Bertrand Fils, Havre; 250 cs., Brown Bros. & Co., Messina; 130 cs., Order, Messina; 9 drs., Orbis Prod. Trdg Co., Malaga; 5 cks., Titan Shpg. Co., Grasse; 2 cks., J. Manheimer, Marseilles; Acetophenone, 1 cse., G. Lueders & Co., Rotterdam; Bay, 3 cs., G. Lueders & Co., Arroyo; Benzylacetate, 2 brls., G. Lueders & Co., Rotterdam; Bergamot, 50 cs., G. Lueders & Co., Messina; Caraway, 2 cs., Dodge & Ol-Burke, Palermo; 100 cs., Leghorn Trdg. Co., brls., Order, London; Rosewood, 2 cks., W. T. Bush Inc., Havre; Lemon, 20 cs., E. J. cott Co., Rotterdam; Cassia, 5 drs., Order, Canton; Cinnamon, 5 drs., Order, Colombo;

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**WINE LEES**—377 bgs., Tartar Chem. Wks., Buenos Aires; **WAX**—40 cs., Chem. Nat. Bk., Havre; 5 bbls., T. Norton & Co., Santos; 50 cs., Orbis Products Trdg. Co., London; **Bees**, 15 cs., Order, Rotterdam; 109 bls., Trust Co. of North Amer., Lisbon; **Carnauba**, 47 bgs., W. R. Grace & Co., Pernambuco; **Spermaceti**, 75 cs., Order, Glasgow; **WHITTING**—506 bgs., L. A. Salomon & Bro., Havre; 2,450 bgs., L. Scott Libby, Havre; **WOODFLOUR**—891 bls., Castle & Overton, Rotterdam; 765 bgs., B. L. Soberski, Christiania; **WOOL GREASE**—67 bbls., Hummel & Robinson, Bergen; 50 bbls., Order, Bergen; **YOLK—Hen Egg**, 68 cs., Dodwell & Co., Shanghai; **ZINC—Chloride**, 37 drs., Order, Rotterdam

### IMPORTS AT BOSTON

Dec. 22 to 27

**ACIDS—Cresylic**, 1 drum, Lever Bros., Liverpool; **Oxalic**, 30 kegs, I. M. Sobin Co., Rotterdam; 24 casks, R. & H. Chem. Co., Rotterdam; **CHALK**—500 tons, Order, London; 700 bags, R. Coulston, Rotterdam; 2,000 bags, Order, Rotterdam; 2,300 bags, R. Coulston, Buenos Aires; **CASEIN**—417 bags, Order, Buenos Aires; **CHEMICALS**—750 bags, R. & H. Chem. Co., Hamburg; 600 bags, John D. Lewis, Rotterdam; **EXTRACTS—Quebracho**, 2,400 bags, Guaranty Trust Co., Buenos Aires; **GLAUBER'S SALT**—250 bags, Order, Hamburg; **GLUE**—500 bgs., Nashua Gummed & Coated Paper Co., Liverpool; **OIL—Cod**, 50 bbls., Order, St. Johns; 100 casks, F. W. Damon, St. Johns; 74 casks, Salem Oil & Grease Co., St. Johns; 226 casks, Frank L. Young, Halifax; **POTASH**—100 bbls., Brown Bros. & Co., Rotterdam; **Muriate**, Order, Rotterdam; **SODIUM—Chlorate**, 200 bags, Brewer & Co., Rotterdam; **Phosphate**, 26 casks, R. & H. Chem. Co., Rotterdam

### IMPORTS AT NEW ORLEANS

Dec. 20 to 27

**AMMONIA CHLORIDE**—68 casks, Liverpool; **COAL TAR**—32 drums, Liverpool; **POTASH—Muriate**, 2,000 sacks, Havre

### IMPORTS AT PHILADELPHIA

Dec. 17 to 24

**ACID—Formic**, 80 ballons, R. & H. Chem. Co., Rotterdam; 147 crbys., Oxalic, 12 bbls., Order, Hamburg; **AMMONIUM CHLORIDE**—92 casks, Seaboard Nat. Bank, Rotterdam; **ARSENIC—White**, 60 drums, Chem. Nat. Bk., Hamburg; **BARIUM CHLORIDE**—40 bbls., Mechanics & Metals Nat. Bank, Hamburg; **CHEMICALS**—56 casks, R. & H. Chem. Co., Rotterdam; **EPSOM SALT**—250 bags, Seaboard Nat. Bk., Hamburg; **GLAUBER'S SALT**—379 bags, Phila. Nat. Bank, Rotterdam; 176 casks, Corn Exchange Nat. Bank, Rotterdam; 121 casks, Chas. Kurz & Co., Hamburg; 373 bgs., Order, Hamburg

**GLYCERIN—Crude**, 270 drums, Order, Hamburg; **PHOSPHORUS OXYCHLORIDE**—45 cysls., Order, Rotterdam; **POTASH**—50%, 3,399 bags, Societe Commerciale des Potasses d'Alsace, Dunkirk; 20%, 170,000 kilos, Order, Dunkirk; 14%, 50,000 kilos, Order, Dunkirk; **Kainit**, 133,099 kilos, Potash Imp. Co., Hamburg; 227,000 kilos, Potash Imp. Corp., Hamburg; **Manure**, 1,000 bags, Order, Liverpool; **Muriate**, 1,000 bags, Potash Imp. Corp., Hamburg; **ROOT—Licorice**, 85 bags, MacAndrew & Forbes Co., Seville; **SEED—Coriander**, 375 bags, Order, Bordeaux; **Fenugreek**, 50 bags, Order, Bordeaux; **SODIUM—Nitrate**, 58 casks, Order, Rotterdam; **Prussiate**, 22 casks, C. Tennant Sons & Co., Liverpool; **ULTRAMARINE BLUE**—20 bbls., Order, Antwerp

### IMPORTS AT BALTIMORE

Dec. 17 to 24

**CLAY—China**, 124 tons, Baltimore and Ohio railroad, Artiges, Avonmouth; **NITROGENOUS FERTILIZER**—835 bags, 146,960 lbs., John S. Connor, Grete, Hamburg; 475 bags, 73,150 lbs., John S. Connor, Grete, Hamburg; 1,250 bags, 100 tons, John S. Connor, Grete, Hamburg; 1,250 bags, 100 tons, John S. Connor, Grete, Hamburg; 1,250 bags, 100 tons, John S. Connor, Grete, Hamburg; 1,250 bags, 100 tons, John S. Connor, Grete, Hamburg; **PITCH—Stearine**, 31 bales, 13,324 lbs., to order, Grete, Hamburg; **POTASH—Carbonate**, 72 casks, 60,421 lbs., Parsons & Petit, New York, Grete, Hamburg; **Kainit**, 1/4 per cent, 200 tons, F. H. Shallus Co., Ryndijk, Antwerp; **Manure**, Salt, 20%, 9,100,714 lbs., F. H. Shallus Co., Ryndijk, Antwerp; **Muriate**, 50%, 1,164,096 lbs., F. H. Shallus Co., Ryndijk, Antwerp; 300 tons, French Potash Syndicate, Ryndijk, Antwerp

### IMPORTS AT SAN FRANCISCO

Dec. 13 to 20

**COPRA**—374 bags, Wightman & Crane, Pago Pago; **CREOSOTE**—10 bbls., Order, Antwerp; **GUM—Yacca**, 294 bags, Order, Adelaide; **OIL—Coconut**, 280.68 tons, Victor Labadie, Manila; 275 tons, Order, Manila; **China-wood**, 50 cases, Order, Hankow; **SILVER SAND**—610 tons, Order, Antwerp; **SPICES—Cinnamon**, 12 bales, Order, Tordjong; **Nutmeg**, 30 cases, Order, Pedung; 15 cases, Order, Batavia; **Ginger**, 10 bags, Order, Kingston; **TAPIOCA—Flour**, 190 cases, Stein, Hall & Co., Inc., Batavia; Seed, 110 cases, Bank of California, N.A., Batavia; **TURPENTINE**—300 cases, S. L. Jones & Co., Manzanillo; **VANILLA BEANS**—2 cases, Wells, Fargo Bank & Union Trust Co., Tordjong

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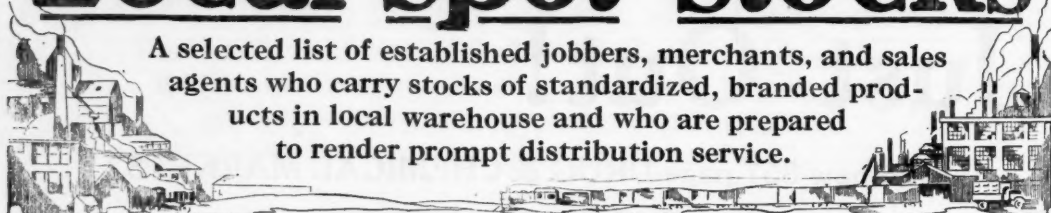
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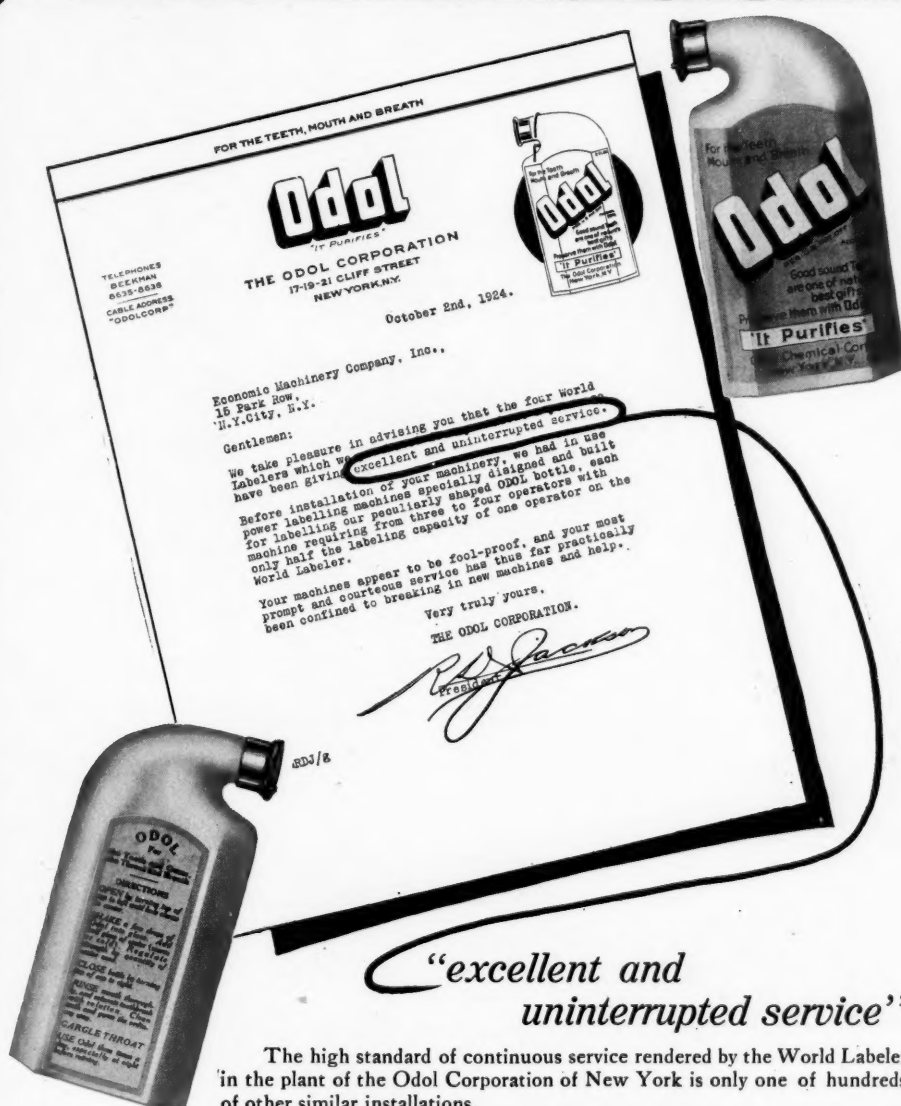
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